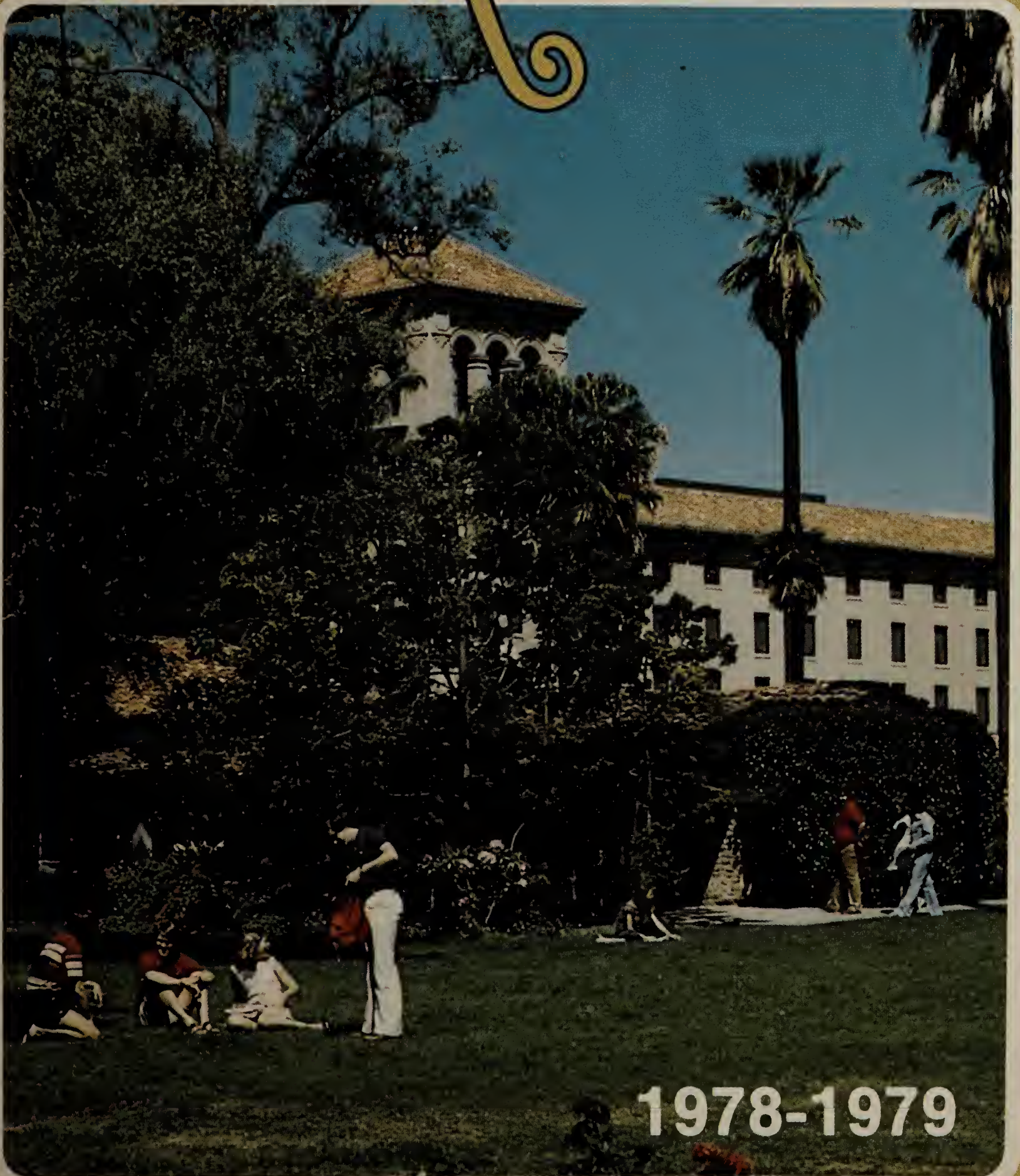


**GRADUATE SCHOOL
OF HUMANITIES**

THE UNIVERSITY OF

SANTA CLARA



1978-1979

UNIVERSITY OF SANTA CLARA



GRADUATE SCHOOL OF HUMANITIES 1978-79

PUBLISHED BY THE UNIVERSITY OF SANTA CLARA
SANTA CLARA, CALIFORNIA 95053



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CALENDAR 1978-79*

FALL QUARTER

September 16-21	Registration.
September 21	Instruction begins.
October 6	.....	Last day to file candidacy for degrees to be awarded December.
November 23-24	.....	Thanksgiving recess.
November 25	.....	Comprehensive exam in Counsel. Psych.
December 4-8	.....	Quarter final examinations.
December 13	.....	Quarter grades due.

WINTER QUARTER

December 9	.....	Registration.
January 3	.....	Instruction begins.
February 19	.....	G. Washington's birthday, holiday.
February 21	.....	Last day to file candidacy for degrees to be awarded June, 1979.
February 24	.....	Comp. Exam in Counsel. Psych.
March 13-16	.....	Quarter final examinations.
March 22	.....	Quarter grades due.

SPRING QUARTER

March 10-26	.....	Registration.
March 26	.....	Instruction begins.
April 5	.....	M.A. theses due for June degrees.
May 26	.....	Comp. Exam. in Counsel. Psych.
June 2-6	.....	Quarter final examinations.
June 9	.....	128th Commencement.
June 12	.....	Quarter grades due.

SUMMER SESSION

May 5-June 18	.....	Registration.
June 18	.....	Instruction begins.
July 27	.....	Summer session ends.

*All dates are inclusive dates. Graduate students taking undergraduate courses follow the undergraduate calendar.

1978

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1979

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HISTORICAL PERSPECTIVE

On January 12, 1777, six months after the signing of the Declaration of Independence, a cross was planted at a site in the present city of Santa Clara by a Franciscan Padre, Tomas de la Pena, to mark the founding of the eighth of California's original twenty-one missions, Santa Clara de Assis.

Three quarters of a century elapsed before the University of Santa Clara or Santa Clara College as it was first known, opened its doors as an institution of higher learning. In the intervening years, however, the Mission served as a spiritual center and school for the Indians.

In 1851, the new Dominican bishop of San Francisco, Joseph Sadoc Alemany, asked the Jesuit Father John Nobili, formerly of the Oregon Missions, to begin a college at the Mission of Santa Clara. During the first academic year, 1851-52, Father Nobili and a faculty of three other Jesuit priests and four competent lay professors gave instruction to twenty-six students in arts, sciences, music and drama.

April 28, 1855, Santa Clara College received its charter from the State of California.* Slow but steady growth followed and distinguished graduates became prominent members of California life. However, it was not until the Schools of Law and Engineering were founded in 1912 and the courses in the Humanities and Sciences were expanded that the College became the University of Santa Clara.

Meeting the demands of urban growth in the Santa Clara Valley, the courses in commerce and finance were likewise amplified in 1926 and the University's School of Business Administration began. The Graduate School of Business and Administration was started in 1958 in recognition of the continuing important growth of the region as a business and financial center.

From the 1930's through World War II, the University's enrollment was relatively stable. With the return of many war veterans came an enlarged student body, new resources and an expanded curriculum that led Santa Clara into a new era of rapid growth and development.

From the post-war period to the present, the face of the campus has been changing and expanding. Thanks to the generous support of many friends, nineteen buildings have been added including the Louis B. Mayer Theatre, Student Activities Center and Cowell Student Health Center.

In 1961 the University announced a major change in policy and accepted women students for the first time in its 110 year history and quickly became fully coeducational.

Although the student body has grown rapidly in the past decade, it has been held at a relatively small size—3500 undergraduates and 3500 graduate and law students.

*THE UNIVERSITY'S LEGAL NAME is: *The President and Board of Trustees of Santa Clara College* to which should be added, *A Corporation, located at Santa Clara, California*. For the information of individual, corporation and foundation donors who wish the tax-benefits of their gifts and grants, the University is classified by the Internal Revenue Service as a 501(c) (3) (ii) tax-exempt organization and also as not a private foundation under Section 509(a) of the IRS code.

In the same decade the number of courses taught has more than doubled and there has been a proliferation of opportunities for individual study and research, including off-campus work/study programs.

In 1964 the University adopted an academic plan and calendar which divides the school year into three eleven-week terms and limits the number of courses a student may take to three or four in each quarter period.

As an independent, tuition and gift supported university, Santa Clara has been able to accomplish change in ways that reflect its traditional concern for the individual student and for values in education.

LOCATION

The University of Santa Clara is 46 miles from San Francisco near the southern tip of the Bay in an area that is rich in opportunities for learning. The campus is situated in the midst of one of the nation's great concentrations of high-technology industry and of professional and scientific activity. Many nearby firms and social agencies are world leaders in the search for solutions to man's most critical problems. The cultural and entertainment centers of San Francisco, Berkeley, Oakland and Marin County are within one hour's travel by bus, train or car. In the opposite direction, about thirty minutes away, are the beaches of Santa Cruz on the Pacific Ocean, and less than two-hours drive from the campus is world-famous Monterey Peninsula and Carmel.

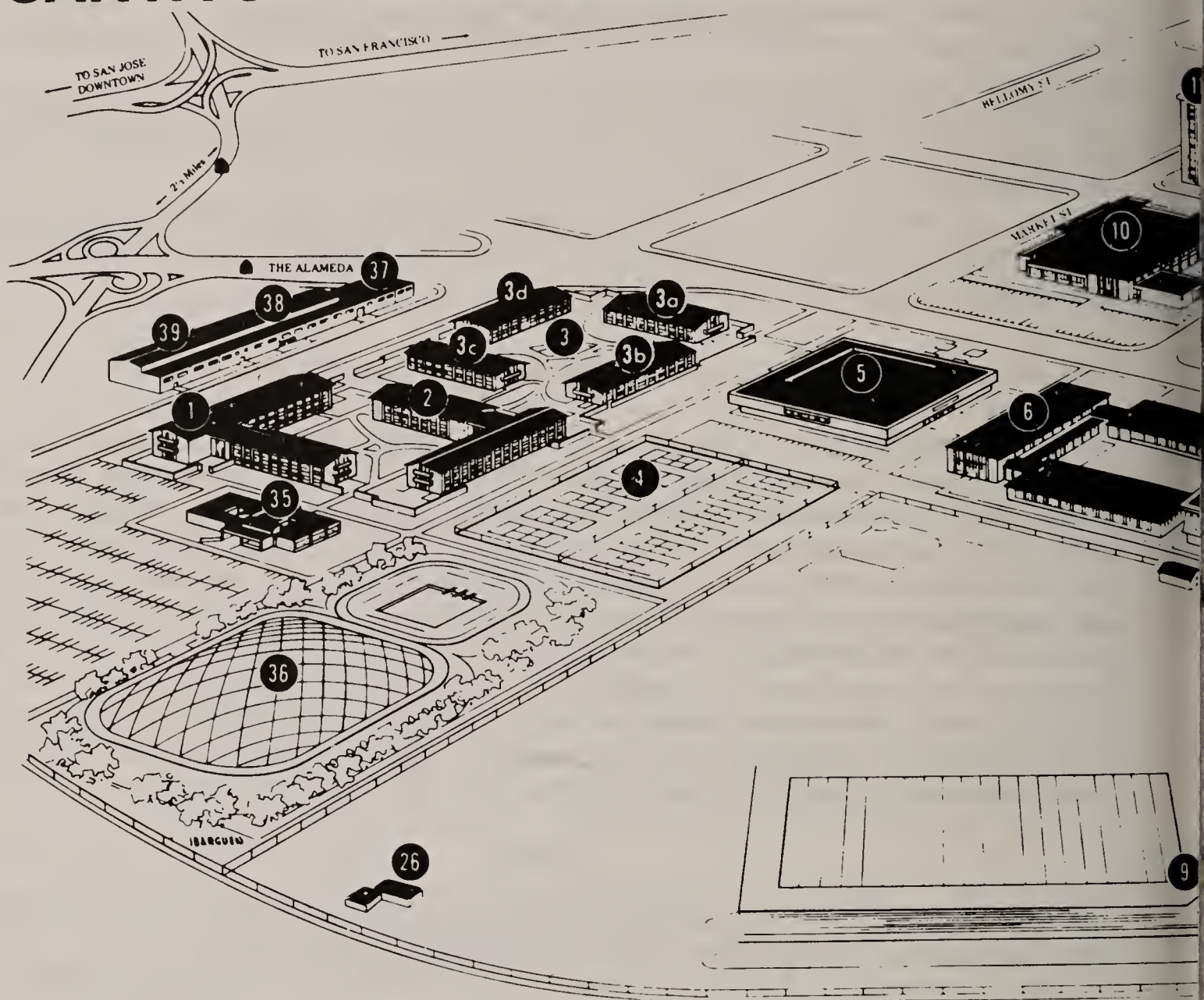
The University is accessible by major airlines via San Jose Municipal Airport just three miles away and via San Francisco and Oakland International Airports.

Climate

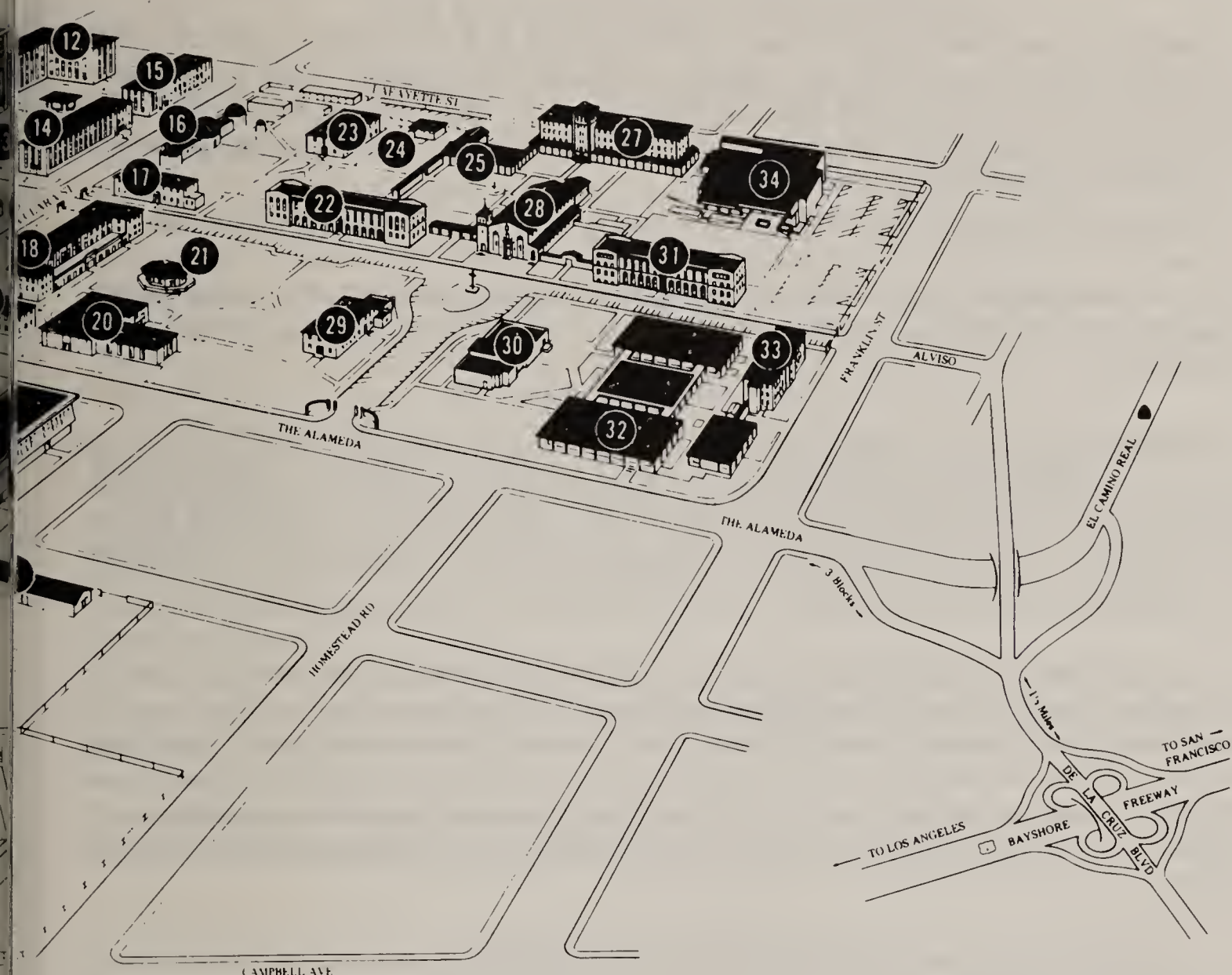
Santa Clara has a moderate Mediterranean climate. Over a period of 67 years the average maximum temperature was 71.4° and the average minimum 41.6°. The sun shines an average of 293 days a year and the average annual rainfall is about 15 inches.



UNIVERSITY OF SANTA CLARA CAMPUS



- | | |
|--------------------------------|-----------------------------------|
| ① Sanfilippo Residence Hall | ⑩ Benson Memorial Center |
| ② Campisi Residence Hall | ⑪ Benjamin Swig Residence Hall |
| ③ Graham Residence Center | ⑫ Dunne Residence Hall |
| Ⓐ Strub Hall Ⓒ Hancock Hall | ⑬ John Kennedy Mall |
| Ⓑ Swig Hall Ⓓ O'Neill Hall | ⑭ McLaughlin Residence Hall |
| ④ Campus Tennis Courts | ⑮ Walsh Residence Hall |
| ⑤ Michel Orradre Library | ⑯ Ricard Memorial Observatory |
| ⑥ Sullivan Engineering Center | ⑰ Donohoe Alumni House |
| ⑦ Bannan Classroom Building | ⑱ Kenna Hall - School of Business |
| ⑧ Field House | ⑲ Bergin Hall - School of Law |
| ⑨ Buck Shaw Stadium | |



- | | |
|-----------------------------------|------------------------------------|
| 12 Heafey Law Library | 30 De Saisset Art Gallery & Museum |
| 14 Admissions Center | 31 O'Connor Hall |
| 16 St. Joseph's Hall | 32 Daly Science Center |
| 18 Varsi Hall | 33 Alumni Science Hall |
| 20 Restrooms | 34 Mayer Theatre |
| 22 Adobe Lodge - Faculty Club | 35 Cowell Student Health Center |
| 24 Univ. Day Care Center | 36 Leavey Activities Center |
| 26 Nobili Hall — Jesuit Residence | 37 Fine Arts Building |
| 28 Mission Santa Clara | 38 Ballet Building |
| 30 Walsh Administration Building | 39 Music Building |

A STATEMENT OF PURPOSE

Inspired by the love of God through human service and the desire to serve through education, begun by the Franciscans who founded Mission Santa Clara in 1777 and continued by the Jesuits who opened the College in 1851, the University of Santa Clara declares its purpose to be the education of the human person in the context of its Catholic and Jesuit tradition.

The University is thus dedicated to:

- the continuing development of a community of highly qualified scholars, teachers, students and administrators committed to an uncompromising standard of academic excellence;
- providing an education that, in its emphasis on undergraduate education and in its pursuit of selected high quality graduate and professional programs consonant with such an education, stresses the development of moral as well as intellectual values, an education of the whole person, an education constantly seeking to answer not only "what is" but "what should be";
- the continuing development of an academic community informed by Catholic principles, a community offering its members the opportunity for worship and for deepening their religious commitment, yet a community that is enriched by men and women of diverse religious and philosophical as well as social and racial backgrounds, a community opposed to narrow indoctrination or proselytizing of any kind, a community wherein freedom of inquiry and freedom of expression enjoy the highest priority;
- offering an integrated curriculum designed not only to provide the scientific and humanistic knowledge necessary to enable students to develop fully as persons, but also to demonstrate the unity of all forms of knowledge and to enable students to assume roles of leadership in the modern world;
- encouragement of teaching excellence and of the scholarly research that promotes such excellence, of close student-teacher relationships, of experimental and innovative courses and teaching methods-courses and methods that stimulate not only the acquisition of knowledge, but also the creative use of knowledge;
- the continuing development of an academic community in which students, teachers and administrators dedicated to academic freedom and united in the search for truth, are actively involved in formulating and implementing the University's policies.

Board of Trustees
University of Santa Clara
January 22, 1975

THE GRADUATE SCHOOL OF THE COLLEGE OF HUMANITIES

Although the College of Humanities of the University of Santa Clara considers its primary purpose to be that of providing the very best liberal education for the undergraduate student, it also recognizes the growing need in society for advanced professional and graduate degrees.

Graduate study, therefore, in the College of Humanities is designed to qualify candidates for a California Teaching Credential, specialist credentials in the areas of school counseling, the teaching of reading, and the teaching of learning handicapped individuals, the Master of Arts in Education, the Master of Science degree in the Teaching of Mathematics, and the Master of Arts in English, in History, in Counseling Psychology, in Marriage and Family Counseling, and in Pastoral Counseling.

The Master of Arts in Education includes specialized programs in the teaching of English, History, Reading, in Special Education, and in Bilingual Education.

The Master of Arts programs in English and in History are designed to provide the candidates with a comprehensive knowledge of their subject fields and to instruct them in the techniques of scholarly research. Successful candidates ordinarily proceed to faculty appointments in the community college or to doctoral studies at another institution.

The Master of Science in the Teaching of Mathematics is a program offered jointly by the departments of Education and Mathematics and is designed for both prospective and experienced teacher's of Mathematics in secondary education and in community colleges.

The Master of Arts in Counseling Psychology and in Marriage and Family Counseling are specialized programs offered by the Department of Education.

STUDENT RECORDS

The following disclosures regarding a student's University records are given in compliance with the Family Educational Rights and Privacy Act of 1974 and are available for inspection as listed below:

- a. Official academic records, including application forms, admissions transcripts, letters of acceptance and a student's Permanent Academic Record are on file and maintained in the Registrar's Office.
- b. Working academic files are also maintained by each Dean of a School or College in their respective offices.
- c. Records related to a student's non-academic activities are maintained in the Dean of Students Office.
- d. Records relating to a student's financial status with the University are maintained in the Controller's Office.

The following types of records are *excluded* from inspection by provisions of the law; namely those created or maintained by a physician, psychiatrist or psychologist in connection with the provision of treating a student. A Parents' Confidential Statement of the College Scholarship Service is also excluded under this same provision.

Third parties shall not have access to education records or other information pertaining to students without the written consent of the particular student about whom the information is sought.

A written statement on inspection policies, list of fees for copies and related information is available in each office containing student records. Complaints regarding academic records by students may be directed to the Dean of the College or School in which the student is enrolled.

SUMMER SESSION

Graduate-level summer courses in the College of Humanities are offered by the Departments of Education, History, English, and Mathematics.

Institutes and workshops of one to seven weeks duration are presented in education, counseling, writing, mathematics, political and social science. These are of particular value to teachers and graduate students.

UNIVERSITY ACCREDITATIONS AND MEMBERSHIP PERTINENT TO THE GRADUATE SCHOOL OF HUMANITIES

Accredited by the Western Association of Schools and Colleges

Member American Council on Education

Member Council of Graduate Schools in the United States

Member Association of American Colleges

Accredited by the California State Board of Education

RIGHTS RESERVED

The curriculum and regulations affecting students may be revised at any time at the discretion of the University administration.

NONDISCRIMINATION POLICY

The University of Santa Clara admits students of any race, religion, sex, color, handicap, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of race, color, religion, sex, handicap, national and/or ethnic origin in administration of its educational policies, admissions policies, scholarships and loan programs, and athletic and other school-administered programs. Additional information and copies of the Grievance Procedures are available in the Office of Student Services and/or the Personnel Department.

Graduate Programs Admissions Information

GENERAL ADMISSION REQUIREMENTS

Admission to the Graduate School of the College of Humanities is open to students who hold a bachelor's degree from an accredited institution of higher learning, who have demonstrated superior scholastic aptitude, and who have given evidence of good citizenship and of moral character. All applicants must have had at least a "B" average in their undergraduate work.

A student who has been disqualified in any college or school of the University of Santa Clara is ineligible for admission to the College of Humanities.

Evidence of good citizenship and moral integrity, if requested, is ordinarily provided by letters of recommendation. Such letters are not required of applicants holding a bachelor's degree from the University of Santa Clara.

Foreign-born students and all students for whom English is not the first language are required to take the Test of English as a Foreign Language and to submit their scores before a decision on their applications can be made. Arrangements for this test (TOEFL) can be made through the Educational Testing Service, Box 899, Princeton, New Jersey 08540, U.S.A.

Admissions Process

The applicant may file his application form at any time.

No action can be taken by the Committee on Admissions until all required information and documents have been received. Absolutely essential are transcripts from the institution which awarded the applicant his bachelor's degree and those from institutions in which the applicant has done graduate study. The applicant is responsible for seeing that these transcripts are sent directly to the Office of the Dean of Graduate School of Humanities.

The Committee on Admissions meets once each quarter to consider applications. Notice is sent by mail at once. No specific reasons will be given in the case of rejection and no information will be given by telephone.

Non-matriculated or special students, i.e., those not seeking a degree from the University but wishing to take certain courses in the Graduate School, should file special admission forms in the Office of the Dean within one week before the beginning of the term.

ENTERING NEW COURSES

Students may enter a course for the first time only during the first week of classes of the term.

TRANSFERRAL OF CREDIT

Up to nine quarter units (equivalent to six semester credits) of graduate credit may be transferred from other accredited institutions of higher education to be applied toward the master's degree at the University of Santa Clara, providing the following stipulations are met:

- a) Grades of A or B must have been earned in the graduate courses that are being considered.
- b) Only those courses that could normally appear on the student's program of studies at Santa Clara are eligible for transfer credit.
- c) Extension and Continuing Education credits are, under usual circumstances, ineligible for transfer credit. Workshops, weekend courses, and district in-service courses are ineligible for transfer credit.
- d) Only academic work is to be considered for transfer credit. Work experience, missionary experience, teaching experience, and similar experiences are not appropriate for granting graduate credit at Santa Clara.
- e) Graduate work that was completed five or more years prior to the date appearing on the student's letter of acceptance is, under usual circumstances, ineligible for transfer credit. At the advisor's discretion, a particular course that is five years or older may be required to be repeated.

LEAVE OF ABSENCE OR WITHDRAWAL

When a student withdraws from the University or from a class, he must fill out a Withdrawal Form and report to the Director of the Graduate Division. This cannot be done by mail or by telephone but must be done in person.

A matriculated student who interrupts his course of studies for up to one year need not re-apply on his return. *Summer session is not considered a "term."*

A matriculated student who interrupts his course of studies for more than one year must withdraw from the University. In order to return, he must file a new application form, but without fee. Such application forms should be filed at least one month before the term of registration.

Withdrawal forms are obtainable in the Office of Graduate Humanities. Students who interrupt their course of studies and fail to file a withdrawal form are liable to be refused re-admission.

Non-matriculated or special students must file forms in the Office of the Dean each and every time they wish to register for a term.

INCOMPLETES

A student's work may be reported incomplete if, due to unavoidable circumstances, some essential portion of his work in the course remains unfinished after the final examination. In order for a grade to be posted on the student's transcript the unfinished work must be completed to the satisfaction of the instructor within one year after the beginning of the next regular term.

GENERAL REQUIREMENTS FOR A GRADUATE DEGREE

The minimum number of graduate quarter-units of credit required for the Master of Arts degree or for the teaching credentials is 45. The maximum is 60. Course requirements are described under each program heading in the following pages.

For the Master of Arts degree, for the M.S.T.M. and for the teaching credential the candidate must maintain a 3.00 grade point average.

Any student receiving a grade of D or F or who fails to maintain the required grade point average will be disqualified.

No more than ten quarter-units of credit earned as a non-matriculated student may be applied toward a degree program.

No student will be permitted to carry more than 15 graduate quarter units in a single term. No student may carry more than nine quarter hours during the summer session at Santa Clara. Any student carrying less than nine quarter hours will be considered a part-time student.

All requirements for any degree must be completed within a five-year period.

CHALLENGING COURSES

Under certain conditions, with the approval of the instructor, program director, and dean, students may challenge a course. Credits earned by challenge, however, will not fulfill degree or credential requirements.

MARKING SYSTEM

A student's grade of scholarship is given according to the following marks:

A	Excellent	D	Inferior	P	Pass
B	Good	F	Failure	N/P	No credit
C+	Above Average	I	Incomplete	+	Credit
C	Satisfactory	W	Withdrawal	—	No credit

To determine a numerical average, 4 grade points are assigned for each A, 3 for a B, 2.5 for a C+, 2 for a C, 1 for a D, and 0 for an F. To arrive at the grade-point average, the total earned grade points are divided by the number of units which have been attempted. A C average is 2.0.



Financial Information

TUITION AND FEES

Application Charge	\$20.00
This charge is to be sent with each application form and is not refundable. Non-matriculated students pay this fee once, at the initial registration.	
Registration Fee	5.00
This fee is payable each quarter of registration regardless of the number of units for which the student is registered. The fee is not refundable.	
Tuition, per graduate quarter unit	65.00
Tuition, per undergraduate term course	325.00
Late Registration Fee	10.00
Graduation fee for those receiving the Master's Degree	30.00
Graduation fee for those receiving the teaching credential	15.00
Deferment Service Fee	10.00

Refund of Tuition

Any student withdrawing during the first week of the term; i.e., within seven days after the day "Instruction begins" as printed in the Academic Calendar, will receive a refund of one-half of the tuition. No other refunds will be authorized. The date on which written notice of withdrawal is received by the Dean of the School of Humanities will determine the refund, not the date of last attendance by the student.

No refunds will be made by virtue of curtailment of services brought about as a result of strikes, acts of God, civil insurrection, riots or the threat thereof, or other causes beyond the control of the University.

Financial Aids

Financial assistance at the University of Santa Clara is awarded on the basis of superior academic record, and/or financial need. Assistance generally is categorized as scholarships, loans, deferred payment plans and jobs. With the exception of the Edwin O. Brown Fellowship, the University does not maintain a scholarship or grant program for students enrolled in Graduate Humanities programs.

Loans

Because scholarships and grants are limited, many students applying for aid find the most advantageous method of financing their education through a loan program. Among those available to students of the Graduate School of Humanities are the National Direct Student Loan program, and Federally Insured Loans. Application forms and further information may be obtained from the Office of Financial Aids, University of Santa Clara.

Scholarships and Fellowships

California State Graduate Fellowships. State Graduate Fellowships are awarded to students pursuing a recognized graduate or professional degree and who have not completed more than four quarters of full-time graduate work as of October 1. Selection is made on the basis of state manpower needs, academic performance and financial need. Applications are available in the fall from either the Graduate Fellowship or Financial aids offices.

Edwin J. Brown Fellowship. A perpetual fellowship provided by a gift from Edwin J. Brown, Professor Emeritus of Education. This fellowship provides a stipend from the proceeds of the endowment and may vary from year to year.

Qualifications: Besides the conditions laid down by the donors, all scholarships administered by the University are subject to the following conditions:

1. In selecting students for scholarship benefits, evidence of financial need is required. From the applicants who satisfy this requirement, preference will be given to students with higher scholastic attainments.
2. A student who holds a scholarship must file a petition for renewal each year. Petitions for new or renewed scholarships by students already in attendance at the University must be submitted before February 1.
3. Scholarships may be cancelled at any time for serious infractions of the rule and regulations of the University.
4. As a general rule, undergraduate applicants receive priority considerations for the different financial aids for which both graduate and undergraduate students are eligible to apply.

Veterans and Veterans' Dependents Assistance

The University of Santa Clara is listed by the Veterans Administration as qualified to receive students under Chapter 34 (veterans), Chapter 35 (veterans' dependents—son or daughter with parent deceased or 100% disabled; widow of any person who died in the service or died of a service connected disability, or the wife of a veteran with a 100% service-connected disability) and Chapter 31 (rehabilitation). Those interested in attending under any of these chapters should contact the Veterans Administration Office in their locality to determine eligibility for benefits.

The State of California provides a program for children of veterans who are deceased or disabled from service-connected causes. Application should be made to the California Department of Veterans Affairs, 350 McAllister Street, San Francisco, Ca. 94102.

Information regarding these programs may be obtained from the University of Santa Clara veterans' counselor located in the Registrar's Office, Delia Walsh Hall.

Deadlines

The Office of Financial Aids has established deadlines for consideration from the various programs it administers. All students requesting Financial Aid from the Univer-

sity should contact the aid office at the earliest possible date and request specific deadline information and appropriate application materials. A University application for financial aids is required. Files completed later than May 1 will receive consideration on a funds available basis.

Learning Resource Center

The Learning Resource Center is located on the second floor of the Benson Memorial Center, Room 212, and offers a variety of services to all members of the University community. A professional staff of educators, psychologists and guidance specialists helps students enrich their personal and educational development.

Counselors are available to assist students in dealing with personal, emotional, social and vocational problems which may confront them. A variety of counseling and testing procedures are used according to the individual's personal needs. At all times the overall goal is to increase an individual's personal development. The L.R.C. complements and supports other educational facilities through a campus-wide undergraduate tutorial program. Students can obtain individualized help in many academic subjects. A program of study skills seminars offers the opportunity to improve those abilities which are essential to academic success. The L.R.C. also administers the GRE, GMAT, and Miller Analogies exams and maintains an extensive library of college catalogs.



GRADUATE PROGRAMS

DEPARTMENT OF EDUCATION

MASTER OF ARTS IN COUNSELING PSYCHOLOGY

Director: William W. Yabroff, Ph.D., Associate Professor of Education

The Master of Arts Degree in Counseling Psychology is designed for those who seek to counsel in institutional or private settings where such a degree is part of their professional preparation. Such settings include public and private schools, community colleges, community agencies, groups engaged in vocational and career counseling, private clinics and personnel work. For those wishing to counsel at the elementary, secondary or junior college levels in the public school system, the program is also designed to meet requirements for the State Credential in Pupil Personnel Services. The Pupil Personnel Credential for elementary, junior high, and high schools may be earned with or without earning the M.A. degree.

Prerequisites

Applicants are evaluated in the light of previous experience and academic record. At least one year of post-bachelor's degree experience in a people-oriented activity is required. Exceptions are sometimes made when that experience is taken concurrently with the graduate program. The applicant should know that the Santa Clara program is primarily designed for the working professional, with courses offered in the late afternoons and evenings. Students are encouraged to either continue in their present employment, if suitable, or select situations where some application of counseling skills is possible. Preference will be given to those whose working milieu provides such application. Applications may be submitted at any time during the year. The admissions committee meets once each quarter to select the most highly qualified applicants. As there are more applicants than can be admitted to the counseling program, selection is based on a quota system.

Requirements

A minimum of 51 units is required for the Master's Degree in Counseling Psychology. If the applicant's background in psychology or related areas is weak, or if adequate work experience is lacking, as many as 9 additional units may be required. Courses are selected by the student and advisor with the ultimate professional goal of the student in mind. Courses to be included in the student's program for General Counseling or for the Pupil Personnel Services Credential are listed on the following pages.



MASTER OF ARTS IN PASTORAL COUNSELING

Acting Director: William W. Yabroff, Ph.D., Associate Professor of Education

The pastoral counseling program at Santa Clara is interdenominational, and ecumenical, following the guidelines of the American Association of Pastoral Counselors. The program is designed to meet the needs of those within the religious community and its outreach. One of the goals is to allow students to place psychological insights and counseling skills within the context of their own religious framework and thus to make pastoral counseling a vital part of their ministry. Candidates are selected from a) professionals within the ministry, such as priests, rabbis, nuns, ministers, college chaplains etc. who are appointed by their respective churches and wish to upgrade their counseling and interpersonal skills; b) support staff within the various branches of the church who have some background in religious studies and whose work with youth, education, parish programs or missionary endeavors would be enhanced by counseling training; and c) graduates whose professional goals include working within the church setting, and, having completed their A.B. degree, wish to undertake pastoral counseling training prior to further theological studies.

Prerequisites

Applicants must meet the admission requirements of the Graduate School of Humanities and in addition will be evaluated in the light of previous experience, background in religious studies and/or endorsement by their church. A minimum background in theology is needed.

Requirements

A minimum of 51 units is required for the Masters Degree in Pastoral Counseling. Required courses include the basic counseling core, courses in the pastoral specialization and a choice of electives to fulfill the remaining unit requirement. Required courses are listed on the following page.

MASTER OF ARTS IN MARRIAGE, FAMILY AND CHILD COUNSELING

Director: William W. Yabroff, Ph.D., Associate Professor of Education

The Master of Arts Degree in Marriage, Family and Child Counseling is designed to meet the course requirements and to fulfill part of the experience requirements for the State License in Marriage, Family and Child Counseling. The program's development follows regulations provided by the Board of Behavioral Science Examiners, and the guidelines suggested by the American and the California Associations of Marriage, Family, and Child Counseling.

Prerequisites

Since the State License in Marriage, Family and Child Counseling allows its holder to engage in private practice using psychotherapeutic techniques and counseling,

candidates will be selected on the basis of experience, previous academic background and maturity with regard to life experience and professional goals. Applicants to the counseling psychology program should be at least 25 years of age, and motivated to complete the experience requirements as set forth by the Board of Behavioral Science Examiners following the Master's Degree. Further information regarding such requirements may be obtained by writing to the Board of Behavioral Science Examiners, 1020 "N" Street, Sacramento, California 95814.

Requirements

A minimum of 60 units is required for the master's degree in Marriage, Family and Child Counseling. Required courses are listed directly below and are designed to prepare the student for the California MFC license examination.

Course Requirements for All Counseling Degrees

Required courses for the counseling M.A. degrees are listed below. Elective courses are taken in addition to fulfill the total number of units in the student's program.

The following courses are required for all counseling programs:

200, 215, 218, 219, 220, and 227

In addition, for each program respectively, the following courses are required:

General Counseling

230, 300, 306,
312 or 318

School Counseling

226, 230, 270, 300,
307, and 330

MFC Counseling

211, 216, 217, 230, 273 or 274
306, 311, 315, and 318

Pastoral Counseling

211, 216, 290, 292,
311, 336

Due to current legislation passed in Senate Bill 294 in October, 1977, the department is in process of revising the Marriage, Child and Family Counseling Program to comply with new requirements. This may include an increase in the total number of units required as well as possible changes in course requirements. When such changes are finalized, a bulletin describing these revisions will be available in the Graduate Humanities Office.

The following information is applicable to students in all counseling programs.

Academic Performance: A grade-point average of 3.00 (B or better) is required in CPSY 200, 219, and 227 for continuation in the program. This average is irrespective of grades earned in other courses. A 3.00 (B or better) grade point average is required throughout the degree program. Students falling below this average must make up the deficiency within the following quarter in order to continue in the program.

Sequence of Courses: CPSY 200, 218, 219, 227 should be taken during the first 18 units of study. CPSY 219 and 227 may not be taken concurrently. The practicums should be taken after sufficient course work is completed to make practicum a meaningful undertaking. Between 24 and 30 units is advised before requesting permission to take a practicum. Students wishing to gain experience in counseling prior to qualifying for practicum are encouraged to enroll in Field Experience, 308 or 309. Otherwise, the student is encouraged to pursue course work according to his interest and schedule, noting those courses which have prerequisites and planning accordingly.

Periodic Evaluation: The counselor education faculty periodically evaluates the student in the light of his performance and behavior. This is part of our commitment to the profession of counseling and to the clients it serves. Should the faculty judge that a student would not be an asset to this profession, the student will be asked to leave the program regardless of the number of courses already completed. Students will be contacted only when their evaluation is negative. Otherwise, they may assume that their performance is satisfactory.

Comprehensive Examination: A written comprehensive examination will be given during the last quarter of study or after all required courses have been completed. The purpose is to facilitate a meaningful synthesis of the various concepts and experiences provided in the program. Sample questions will be available several weeks prior to the examination to allow for productive review. If needed, a second opportunity will be given to satisfactorily perform on the comprehensive examination. Passing the comprehensive examination is prerequisite to graduation. (Students who are seeking only the school counseling credential are exempt from the comprehensive examination.)



MASTERS DEGREE IN INTERDISCIPLINARY EDUCATION

Acting Director: Kenneth E. Blaker, Associate Professor

The Master of Arts with an emphasis in Interdisciplinary Education is a forty-five quarter unit program which allows the students to undertake coursework in the areas of counseling, learning handicaps, reading, and bilingual/crosscultural education. The student must take nine quarter units in each of the above areas, and then may select an additional nine quarter units of emphasis in any one of the areas.

This program is designed for experienced teachers who may wish to develop a broad range of competencies and experiences. Students completing this program will be better qualified to serve as resource teachers, school site principals, and school district consultants. Students who complete the program may wish to apply their units toward a specialist credential in any of the four major areas.

Prerequisites:

Students are required to have at least two years of teaching experience or written permission of the director.

Program Outline:

Students are required to take the following courses:

COUNSELING:

CPSY 200 Psychology of Interpersonal Communication

CPSY 218 Basic Concepts in Counseling

CPSY 227 Counseling Process and Problems

LEARNING HANDICAPS:

ED 240 Introduction to Learning Handicapped

ED 241 Diagnosis and Prescription for Learning Handicapped

ED 242 Intervention and Remediation for Learning Handicapped

READING:

ED 284 Reading in the Elementary School

or

ED 283 Reading in the Secondary School

ED 350 Diagnostic Techniques in Reading

ED 351 Prescribing for Reading Growth

BILINGUAL/CROSSCULTURAL EDUCATION:

ED 253 Problems and Issues in Bilingual Education

ED 254 Teaching Strategies and Learning Styles in Bilingual Education

ED 260 Sociocultural Overview of the Mexican American



THE MASTER OF ARTS IN EDUCATION

The Master of Arts in Education is a professional degree in Special Education, Reading, Bilingual-Crosscultural Education, and in the teaching of English and History. The Master of Science degree in the Teaching of Mathematics is an equivalent degree in the teaching of secondary school mathematics.

The M.A. in Education degree specializing in Special Education is designed to develop specialized competencies for regular classroom teachers of all grade levels, as well as preparing teachers who function in specialized programs for the learning handicapped student.

The M.A. in Education degree specializing in Reading is designed to aid teachers who wish to become a California State Reading Specialist as well as those who intend to be reading consultants and to administer reading clinics in school districts. The degree is recommended for the professional growth of both elementary and secondary school teachers.

The M.A. in Education with an emphasis in Bilingual-Crosscultural Education is designed to aid teachers who wish to develop and teach in educational programs that attend to the unique needs of learners who speak Spanish. The degree is recommended for the professional growth of elementary and secondary school teachers.

As a graduate program for teachers who already hold the State credential, the Master's Degree in Education provides a concentration in the candidate's teaching field and a specified core of graduate courses in professional education.

Specific requirements and prerequisites in each program within the Master of Arts in Education degree are listed below.

Bilingual-Crosscultural Education

Director: Maria T. Delgado, Ph.D. (cand.), Research Associate in Education

The Master of Arts with an Emphasis in Bilingual-Crosscultural Education is a forty-five quarter unit program which allows the student to develop a major concentration in bilingual-crosscultural education with a minor concentration in either counseling, learning handicapped, psychology, reading, and/or Spanish. The student may also develop an interdisciplinary minor by integrating two or three areas. The student is able to self-design both the major and minor concentrations, thus providing for an individualized program which will fulfill the needs of the student. This Master's Degree is primarily designed for the full-time teacher in bilingual education who wishes to attend courses on a part-time basis. Participants attending courses on a part-time basis will be able to obtain their Master's Degree in two years. However, it is possible for a full-time student to obtain the degree in a year of full-time study.

Stipends Available:

Under Title VII funding, stipends are available for tuition and books. Program participants who wish to be considered for stipend awards must meet the following requirements:

1. Completion of the application to the Graduate School of Humanities, including three letters of recommendation from individuals who have supervised and/or guided the applicants' professional development.
2. Academic achievement of a 2.75 grade-point average, with a 3.0 grade-point in the major.
3. Possession of a valid California teaching credential.
4. At least two years successful teaching experience, preferably with bilingual students.
5. Satisfactory completion of the Modern Language Association Spanish proficiency examination.
6. Letter of intent specifying long and short range objectives for professional development, and stating reasons for seeking a stipend award.
7. Personal interview with members of Project Governance Committee demonstrating bilingual proficiency.

Courses in Bilingual-Crosscultural Education:

ED 253 Problems and Issues in Bilingual-Crosscultural Education
 ED 254 Teaching Strategies and Learning Styles in Bilingual-Crosscultural Education
 ED 255 Advanced Seminar in Bilingual-Crosscultural Curriculum
 ED 256 Research in Bilingual-Crosscultural Education
 ED 257 Administration and Supervision of Bilingual-Crosscultural Programs
 ED 258 Language-Reading Instruction in Spanish
 ED 259 Teaching the Content Areas in Spanish
 ED 260 A Sociocultural Overview of the Mexican American
 ED 335 Practicum in Bilingual-Crosscultural Education
 CPSY 276 Multicultural Approaches to Counseling in the Family and Community
 CPSY 277 Multicultural Approaches to Counseling Children and Adolescents

English

Director: Jesse H. Gellrich, Ph.D., Assistant Professor of English

Prerequisites

An undergraduate English major or at least 30 quarter hours of credit in upper-division English courses, including courses in Chaucer, Shakespeare, American literature, and period surveys in English literature, a state secondary teaching credential the equivalent of two years of full-time teaching or 60 quarter hours of graduate work (15 quarter hours beyond the 45 quarter hour minimum for the M.A.); a 3.00 g.p.a. in all upper-division work.

Requirements

1) A minimum of 25 quarter units of graduate credit in English beyond the normal requirements for the undergraduate major in English. Three of the five-unit courses must be graduate courses (200's); the other two may be upper-division undergraduate courses (100's). Students may transfer up to 10 quarter hours of graduate work

into the program. Candidates who wish to apply for a Community College Credential must take two more graduate seminars in English and one more upper-division course in English in order to exceed the state requirement (36 qtr. hrs. — a minimum of 18 hrs. in graduate seminars and no more than 18 hrs. in upper-division courses).

2) *Education Requirements*: 12 quarter hours, including CPSY200; Psychology of Interpersonal Communications, ED270; Basic Issues in Education, and one of the following:

- ED214 Psychology of the Young Child
- CPSY215 Psychology of Family and Youth
- ED217 Social Learning Theory
- CPSY218 Basic Concepts in Counseling

The remaining three-quarter units may be selected from any 200 graduate level courses in Education.

History

Director: Mary McD. Gordon, Ph.D., Assistant Professor of History

Prerequisites

A state secondary teaching credential, a bachelor's degree with a major in History or 300 upper-division quarter units in History; two year's experience of full-time teaching or equivalent.

Requirements

1) *History* A minimum of 25 units beyond the normal requirements for the undergraduate major. Fifteen of these twenty-five must be in graduate courses (200's), the remaining ten may be in upper division. Those seeking community college credentials must also take two additional 200 level courses and one additional 100 level course. Up to ten units of graduate work in History may be transferred into the program.

2) *Education Requirements*: 12 quarter units, including ED200; Psychology of Interpersonal Communications, ED270; Basic Issues in Education, and one of the following:

- ED214 Psychology of the Young Child
- CPSY215 Psychology of Family and Youth
- ED217 Social Learning Theory
- CPSY218 Basic Concepts in Counseling

The remaining three-quarter units may be selected from any 200 quarter level courses in Education.

Reading

Director: John T. Colligan, Ph.D., Assistant Professor of Education

The Master of Arts Degree in Education/Reading has been designed for those who desire to be qualified reading specialists. The course of studies has been developed to meet the requirements of the Ryan Act and will prepare those enrolled in the program to undertake the multi-faceted responsibilities of the reading specialist.

Prerequisites

1. A California teaching credential
2. At least 2 years of teaching experience
3. Completion of an approved course in reading methods for the classroom teacher or a passing score on the State Teaching of Reading Examination
4. Completion of a basic course in linguistics

Requirements

The successful completion of 45 quarter units is required for the Master of Arts Degree in Education/Reading. The program is also designed to fulfill the requirements for obtaining the State Credential for Reading Specialists. Consequently, upon completion of the 45 unit program, an individual is eligible for both the Master's Degree and the Reading Specialist Credential.

Foundation Courses (9 units)

CPSY 200 Psychology of Interpersonal Communications
ED 214 Development of the Young Child or CPSY 215 Psychology of Family and Youth
ED 270 Basic Issues in Education

Reading Component (36 units)

ED 283 Reading in the Secondary Schools
ED 284 Reading in the Elementary Schools
ED 285 Childrens Literature
ED 286 Adolescent Literature
ED 301 The Reading Process
ED 334 Practicum: Reading
ED 350 Diagnostic Techniques in Reading (*283 or 284, 307)
ED 351 Prescribing for Reading Growth (*350)
ED 352 Reading in the Content Areas
ED 358 Administration and Supervision of Reading Programs (*283, 284, 350, 351)
ED 359 Research in Reading
ED 307 Measurement and Evaluation

*prerequisite

The Practicum (ED 334) is viewed as a culmination of the program and cannot be undertaken until the candidate has successfully completed the majority of his/her course work. Permission of the Program Director is required for enrollment in ED 334.

In some special cases electives may be needed to complete the required 45 quarter units for the degree. In such cases electives are available in the areas of research, counseling, and special education and are selected in consultation with the Director.

Although a thesis is not required a student may elect to write a thesis. In such cases the student must enroll in ED 399 with permission from the Director.

Special Education

Director: Joyce A. Gerard, Ph.D., Assistant Professor of Education

Learning Handicapped

The program for the Master of Arts in Education with specialization in learning-handicapped prepares teachers or therapists, pre-school through junior college, to work with students who have learning problems. Persons completing this program will be better qualified to cope with learning problems within the regular classroom or to serve as specialists with students referred, full or part time, from the regular classroom. Instruction emphasizes methods of educational diagnosis and design of educational programs for students who are unable to profit from the usual classroom curriculum. This program has been approved by the Commission for Teacher Preparation and Licensing; eligible graduates receive the learning handicapped specialist credential.

Prerequisite

California Teaching Credential or permission of the Director

Requirements

The successful completion of 45 quarter units is required for the Master of Arts Degree in Education with specialization in learning handicapped.

Program Outline

Learning Handicapped:

- ED 230 Survey and Guidance of Exceptional Individuals
- ED 309 Field Experience
- ED 240 Introduction to Learning Handicapped
- ED 241 Diagnosis and Prescription for Learning Handicapped (*240)
- ED 242 Intervention and Remediation for Learning Handicapped (*241)
- ED 247 Measurement, Management, and Materials for the Non-Conventional Learner
- ED 248 Language: Structure and Function
- ED 220 Research Methods (*241)
- ED 332 Practicum: Learning Handicapped

EDUCATION:

- ED 350 Diagnostic Techniques in Reading
- ED 217 Social Learning Theory
- ED 270 Basic Issues in Education
- ED 314 Psychosocial Development of the School Age Child

COUNSELING:

- CPSY 200 Psychology of Interpersonal Communication
- CPSY 215 Psychology of Family and Youth

* prerequisite

Gifted**

The program leading to the Master of Arts degree with a specialization in education of the gifted is designed to make the student competent in all areas related to educating gifted pupils. The courses are designed to acquaint the student with characteristics of the gifted, identification, placement, counseling, curriculum, and various ways of preparing and maintaining qualitatively different programs at both the elementary and secondary levels. Emphasis is placed on the practical application of all theoretical considerations, and students will be expected to participate actively in synthesizing lessons and programs for use in real classroom settings. This program has been approved by the Commission for Teacher Preparation and Licensing; eligible graduates receive the gifted specialist credential.

** This program will be offered beginning 1978-1979 school year only if there are a minimum of fifteen enrolled. Please contact the Director to determine status of this program.

Prerequisite

California Teaching Credential or permission of the Director

Requirements

The successful completion of 45 quarter units is required for the Master of Arts Degree in Education with specialization in gifted education.

Program Outline

GIFTED EDUCATION:

- ED 230 Survey and Guidance of Exceptional Individuals
- ED 309 Field Experience
- ED 261 Introduction to Gifted Education
- ED 262 Techniques of Teaching the Gifted
- ED 263 Advanced Considerations in Gifted Education
- ED 247 Measurement, Management, and Materials for the Non-Conventional Learner
- ED 248 Language: Structure and Function
- ED 220 Research Methods
- ED 336 Practicum: Gifted Education

EDUCATION:

- ED 352 Reading in Content Areas
- ED 217 Social Learning Theory
- ED 270 Basic Issues in Education
- ED 314 Psychosocial Development of the School Age Child

COUNSELING:

- CPSY 200 Psychology of Interpersonal Communication
- CPSY 215 Psychology of Family and Youth



THE TEACHER EDUCATION PROGRAM

Director: Carol E. Witherell, Ph.D. Assistant Professor of Education

Purpose

The Teaching Credential Program is designed to meet California State Credential requirements for teaching grades K through 12 under the California Teacher Preparation and Licensing Law of 1970, commonly known as the Ryan Act. The University of Santa Clara is approved by the Commission for Teacher Preparation and Licensing to recommend qualified candidates for multi-subject and single-subject credentials. Detailed information concerning the credential itself appears at the end of this section.

Please note the distinction between the Pre-Service Teaching Credential Program and the In-Service Teaching Credential Program:

The *Pre-Service* Program is designed for graduate students who have not had teaching experience, nor have completed a course in directed teaching. The student must begin this program in the Fall Quarter.

The *In-Service* Program is designed for teachers who have already completed their directed teaching or have been employed as teachers and are seeking to complete the required fifth year or selective coursework for a California Credential.

Prospective Pre-Service and In-Service Program candidates are advised to contact the Director of Teacher Education regarding their respective programs.

Admission Requirements (Graduate Students, Pre-Service Program)

Admission requirements for the credential program are as follows:

1. Academic achievement: the candidate must have an overall grade point average of 2.75 and a 3.0 in his major.
2. Mental, emotional, and physical fitness.
3. A positive attitude toward the teaching profession and its responsibilities.
4. A demonstrated competence in reading, writing, and speaking English as attested to by coursework or at least two full-time faculty members.
5. A written statement confirming absence of criminal conviction that would preclude the issuance of a credential.
6. Written recommendations: three letters of recommendation from any of the following:
University of Santa Clara professors from the student's major field, former employers, professional persons, teachers in elementary or secondary schools under whom the student has completed practicum work.
7. Interviews: with the Director of Teacher Education and another full-time faculty member of the Education Department.
8. Verification of successful practicum work and/or experience with children or youth groups.
9. A written statement, to be written at the time of the interview that reflects the candidate's philosophy of education and commitment to the teaching profession.

Final Deadline for admission: May 1, for Fall Quarter entry.

Since the Pre-Service Program is limited in enrollment, accepted candidates must reserve a place in the program by depositing \$50 before June 1. This non-refundable deposit will be applied to the candidate's tuition.

PRE-SERVICE PROGRAM

The Pre-Service Program is designed to maximize experience in the schools, and to integrate theory with practice. The program requires enrollment as a full-time student and includes 1) experience in the classroom, 2) foundation core studies, and 3) supportive course-work to meet specific needs. Courses required of all Pre-Service students:

ED 320, 321, 322

The Directed Teaching sequence provides for full-morning participation in classrooms in the public schools throughout the program and a weekly seminar on campus.

ED 250, 251, 252

This foundation sequence draws from the disciplines of philosophy, psychology and curriculum. Attention is focused on topics related to the teaching-learning process.

ED 284, 285 or ED 283, 286

The reading sequence is composed of appropriate reading and literature courses for multi-subject and single-subject candidates. These reading courses involve field experience.

Additional courses may be recommended according to the student's level of specialization.

IN-SERVICE PROGRAM

A program of studies for each individual student will be prepared in consultation with the Director of Teacher Education. The program is designed for students who already have teaching experience and/or education courses. The program *does not* include the educational foundations sequence (ED250, 251, and 252) nor the directed teaching sequence (ED320, 321, and 322). The design of the program will be determined by consideration of past coursework, professional experience, and demonstrated teaching competencies. The program may total up to 45 quarter units beyond the B.A. degree. Candidates may wish to consider applying for admission into one of Santa Clara's M.A. programs in order to satisfy two objectives (a clear credential and an advanced degree). The program may be completed on a part-time basis, as all courses in the In-Service program are offered late afternoons and evenings. Applicants are accepted during any quarter.

Courses to complete the fifth year requirement may be selected from among most of the courses listed in the Education (ED) or Counseling Psychology (CPSY) sections of this Bulletin. Upper division courses from departments other than Education are applicable. Although there is flexibility in course selection it is strongly ad-

vised that the Director of Teacher Education be consulted to assure that all legal requirements for the desired credentials are being met. Unless students are matriculated students at the University of Santa Clara, a \$20 fee will be charged for all credential consultations except routine renewals.

Candidates who are interested in arranging a concurrent credential program in which two or more credentials can be obtained in multiple or single subject areas and the area of teaching Learning Handicapped may contact:

Dr. Carol Witherell (Director of Teacher Education) and

Dr. Joyce Gerard (Director of the Master's program in teaching the Learning Handicapped).

TEACHING CREDENTIAL INFORMATION

The minimum requirements for the Single-Subject and Multi-Subject Credentials that are granted under the Teacher Preparation and Licensing Law of 1970 (commonly referred to as the Ryan Act) are as follows:

1) A baccalaureate degree or higher degree, except in professional education, from an approved institution.

2) A fifth year of study to be completed within five years of the first employment of the certified employee.

3) An approved program of professional preparation.

4) Passage of a subject-matter examination, or holding a baccalaureate degree when the subject matter of the degree is the same as one of the subject matter examination categories.

5) Demonstration of a knowledge of the various methodologies of teaching reading by successful completion of an approved program of study (not to exceed ten quarter units) or passage of an approved reading examination.

6) Completion of the equivalent of one semester unit of Health Education.

I. Single-Subject Credential Program

Under the Ryan Act, there is no longer a Secondary Credential; in its place is the "Single-Subject Credential" which will allow its holder to teach only in a specific subject area. The law has specified 14 such areas: 1) English, 2) Physical Science, 3) Mathematics, 4) Social Science, 5) Industrial Arts, 5) Physical Education. 7) Business, 3) Music, 9) Art, 10) Home Economics, 11) Foreign Languages, 12) Life (natural) Science, 13) History, 14) Government.

II. Multi-Subject Credential Program

Under the Ryan Act, there is no longer an Elementary Credential; in its place is the "Multi-Subject Credential" which qualifies the holder to teach any subjects in a self-contained classroom from the Kindergarten through 12 grade. To fulfill academic requirements for this credential, undergraduates can be declared General Humanities majors in a program guided by the Department of Education. This program includes a minimum of 32 quarter units, or approximately seven courses, taken in *each* of the following areas:

1) English and communication studies, 2) mathematics and physical and life sciences, 3) social sciences, and 4) humanities and fine arts, including foreign languages. Students who do not fulfill the requirements of the General Humanities major, but wish to later obtain a Multi-Subject Credential, will be required to take

the National Teacher Commons Examination which consists of English, social studies, and mathematics and science. In addition to professional education courses, students will be required to accomplish student teaching, and a knowledge of teaching methodology in reading must be demonstrated either through completing a course or passing an examination.

A student who wishes to qualify for a Multi-Subject credential and follow another major, may do so by meeting the course requirements for the General Humanities major, in addition to the requirements of his own major.

Note that the requirements will be the same as for a declared General Humanities major, i.e., 32 quarter units in each of the following areas; (1) English and communications, (2) social sciences, (3) humanities and fine arts, including foreign languages, and (4) mathematics and physical and life sciences.

When the student completes the above requirements, the registrar will note this on the student's transcript. The student will be exempt from the Commons Examination.

MASTER OF ARTS IN ENGLISH

Director: Jessie M. Gellrich, Ph.D., Assistant Professor of English

Prerequisites

An undergraduate major in English or at least 30 quarter units of upper division courses in English and American literature, including courses in Chaucer, Shakespeare, period surveys, and literary criticism or theory.

Requirements

Program A: 35 quarter units of course work and a thesis. Program B: 45 quarter units of course work and a written examination. In both programs, 25 units of course work must be in graduate seminars (courses numbered 200 and above); the remaining course work may be in upper division undergraduate literature courses (numbered 100-199) listed in the Graduate Bulletin. Both programs require a reading comprehension of French or German (or another language, should a thesis topic require it), to be demonstrated in a written examination.

THE MASTER OF ARTS IN HISTORY

Director: Thomas P. Turley, Ph.D., Assistant Professor of History

Prerequisites

An undergraduate major in History or its equivalent.

Requirements

1. Courses: 45 quarter units of graduate credit in History beyond the normal requirements for the undergraduate major. Twenty-five of these units must be taken in

graduate courses (200's); the remaining 20 may be taken in upper division courses (100's).

2. Language: The candidate must pass a written examination to demonstrate his reading knowledge of either French or German, or the language of the area of specialization.

3. Examinations: The candidate must pass a written comprehensive examination.

4. Thesis: All candidates may choose to present a thesis rather than take the comprehensive examination. The thesis must be accepted by the Department and defended by the candidate. History 300 (thesis) may be substituted for 5 or 10 units of graduate course work.)



MASTER OF SCIENCE IN TEACHING MATHEMATICS

Director: David E. Logothetti, Ph.D., Associate Professor of Mathematics

Prerequisites

An undergraduate major in Mathematics or a substantial minor (an elementary calculus sequence plus at least two upper division mathematics courses).

Requirements

1) Mathematics: 35 to 45 quarter units of approved upper division or graduate Mathematics courses, including 172: Problem Solving; 270-271: Advanced Topics for Secondary Teachers; and 290: Thesis.

2) Education: Up to 10 quarter units may be substituted for mathematics units. These units must be approved and taken in graduate status.



COURSES

Education

Graduate Courses

Note: Courses that are offered specifically for counseling psychology students are listed separately after the Education courses. Many of the courses are cross-referenced with Counseling Psychology.

ED 214 THE DEVELOPING CHILD (3)

Examination of the basic theoretical foundations of child development from infancy through middle childhood. Focus will be on developmental principles of growth and on psychosocial adjustment and conflict in the child's relationships with his family, school, and community. Both normal and exceptional development will be studied. Practical applications for parents, teachers, and counselors. CPSY 214

ED 217 SOCIAL LEARNING THEORY (3)

Critical examination and evaluation of learning theories in educational and counseling psychology. Applications of reinforcement theory to behavioral control and analyses in the classroom, family, and marriage. CPSY 217

ED 220 RESEARCH METHODS (3)

Familiarization of the role of research and statistics in analyzing counseling and teaching. Review and interpretation of research literature. Methodology of formulating research proposals and thesis. CPSY 220

ED 221 RESEARCH METHODS IN LEARNING HANDICAPPED (3)

Familiarization with research and design in order to examine, interpret, and critique research in learning disabilities.

ED 230 SURVEY AND GUIDANCE OF EXCEPTIONAL INDIVIDUALS (3)

A course designed to acquaint teachers and counselors with the nature of problems with which exceptional individuals are confronted. "Exceptional" individuals are those who deviate noticeably from social and behavioral norms. This would include consideration of a variety of physical and mental handicaps, as well as consideration of individuals who are unusually gifted. CPSY 230

ED 234 CURRICULUM AND INSTRUCTION IN ELEMENTARY SCHOOLS: READING AND LANGUAGE ARTS (3)

An *introductory course* which provides an overall view of content taught in elementary school reading and language arts. Emphasis is placed on instructional strategies and the books and materials used in the elementary classroom.

ED 240 INTRODUCTION TO LEARNING HANDICAPPED (3)

This course presents an introduction to the area of learning handicapped. It is based upon an information-processing model which describes normal functioning and dysfunctioning of the individual. Rationales specific to the education of individuals with learning handicaps will be presented. It will be the task of each student to synthesize these rationales in terms of the basic information-processing model.

ED 241 DIAGNOSIS AND PRESCRIPTION FOR LEARNING HANDICAPPED (3)

This course is designed to build competence in the educator as a consumer of clinical information. Students will administer and interpret formal and informal educational assessment tools, and will learn how to synthesize their results with existent clinical information in order to build a clear behavioral picture of learning function and dysfunction in the individual. Prerequisite: ED 240 or equivalent.

ED 242 INTERVENTION AND REMEDIATION FOR LEARNING HANDICAPPED (3)

This course covers the translating of diagnostic information into effective educational programs for children with learning handicaps. The teacher will learn to administer educational evaluations for individuals and to incorporate this information into a multi-disciplinary picture of the child's strengths and deficits. Special remediation approaches will be presented. Prerequisite: ED 241.

ED 247 MEASUREMENT, MANAGEMENT, AND MATERIALS FOR THE NON-CONVENTIONAL LEARNER (3)

This course covers general measurement techniques used to evaluate performance and potential of the student whose behavioral or learning problems have interfered with normal educational development. Teacher interpretation of general intelligence and achievement tests is included. Systems and techniques of management will be reviewed and critically appraised. Materials designed specifically for atypical learners will be examined in terms of motivation, programming, and individualization.

ED 248 LANGUAGE: STRUCTURE AND FUNCTION (3)

This course is designed to acquaint teachers with an overview of language. Terminology, historical background, acquisition, etiology and problems related to language disabilities in children will be discussed. Student involvement will include language sampling and informal analysis of language disorders. Emphasis will be given to the diagnosis of Language Disability leading to a sequential multisensory integration of phonics as a therapeutic tool in spelling, writing, and reading.

ED 250 FOUNDATIONS OF EDUCATION I (4)

The first of three courses stressing the theoretical bases of education. Designed to develop a carefully considered point of view toward teaching and

learning. Value questions which relate to psychology and curriculum are considered. Prerequisite: Admission to Teacher Education Program.

ED 251 FOUNDATIONS OF EDUCATION II (4)

The second of the three course sequence concentrates on the applications of psychology to the educational process. Consideration of standardized and teacher constructed tests is also included. Prerequisite: Admission to Teacher Education Program.

ED 252 FOUNDATIONS OF EDUCATION III (7)

This third of three courses focuses on curriculum design, implementation, and evaluation at the elementary and secondary levels. Students are given an opportunity to pursue their special interests related to such problems as the core curriculum, psychology or curriculum, subject- vs. student-centered approaches, and recent trends in the field. Prerequisite: Admission to Teacher Education Program.

ED 253 PROBLEMS AND ISSUES IN BILINGUAL-CROSSCULTURAL EDUCATION (3)

This course examines the philosophical, psychological, and curricular aspects of bilingual education. Particular emphasis is placed on the problems surrounding the development and implementation of bilingual-crosscultural programs at various grade levels. Students will be given an opportunity to investigate special problems or issues pertinent to their school district.

ED 254 TEACHING STRATEGIES AND LEARNING STYLES IN BILINGUAL-CROSSCULTURAL EDUCATION (3)

This course examines a variety of teaching strategies which match student learning styles. Particular emphasis is placed on the diagnostic-prescriptive approach, field sensitivity and field independence, and learning modalities in the bilingual learner. Application of teaching strategies will be required by means of field experience.

ED 225 ADVANCED SEMINAR IN BILINGUAL-CROSSCULTURAL CURRICULUM (3)

This course focuses on the development of bilingual curriculum at both elementary and secondary levels. Special emphasis is placed on needs assessment technique development of objectives, implementation, and evaluation. Students will be afforded the opportunity to design bilingual-crosscultural curriculum for their own school or district.

ED 256 RESEARCH IN BILINGUAL-CROSSCULTURAL EDUCATION (3)

This course investigates the roles of research and statistics in bilingual-crosscultural education. Students will review, discuss, and interpret bilingual-crosscultural research studies and their application to current program development. Students will be required to carry out an individual or small group research project related to their school district program.

ED 257 ADMINISTRATION AND SUPERVISION OF BILINGUAL PROGRAMS (3)

This course focuses on the knowledge and competences needed to administer and supervise bilingual programs at school and district levels. Students will be required to demonstrate administrative and supervisory competencies and skills in field experience situations.

ED 258 LANGUAGE-READING INSTRUCTION IN SPANISH (3)

This course studies the concepts, approaches, and methods of teaching language and reading in Spanish. Attention is given to the psychological and linguistical aspects of the child's language acquisition and problems of transition from first to second languages. Students will be required to demonstrate their competencies in several field experience situations.

ED 259 TEACHING THE CONTENT AREAS IN SPANISH (3)

This course provides for an examination of the approaches, methods, and materials involved in teaching all content areas, with the exception of language and reading, in Spanish. This course will include the content areas of both the elementary and secondary levels, but the student may focus on the level or content area most applicable to his/her teaching or administrative position.

ED 260 A SOCIOCULTURAL OVERVIEW OF THE MEXICAN AMERICAN (3)

This course is designed to examine three major topics: the Historical and Cultural Perspective, Mexican Americans and the Principal Institutions in American Society, and the Aesthetic Dimension. The student will gain an understanding of the Mexican American from the historical, political and anthropological perspectives; acquire an understanding of the relationship between the Mexican American and the health, economic, political, and educational systems in American life; and obtain an overview of the poetry, literature, art, and drama/theatre of the Mexican American.

ED 261 INTRODUCTION TO GIFTED EDUCATION

This course presents an introduction to gifted education. The student will become familiar with the characteristics of gifted individuals and their attitudinal and motivational differences. Emphasis will be placed on the qualitative difference of gifted programs set forth by the State Department of Education. Each student will be expected to demonstrate his/her competence in synthesizing a model gifted program.

ED 262 TECHNIQUES OF TEACHING THE GIFTED

This course is designed to acquaint the educator with the techniques of working with gifted students. The student will investigate current gifted programs as well as future trends in gifted education. Emphasis will be placed upon motivating, counseling, and guiding the gifted student. Course participants will also be expected to demonstrate competence in bringing gifted students to greater levels of learning independence and creativity.

ED 263 ADVANCED CONSIDERATIONS IN GIFTED EDUCATION

This course is intended to acquaint the student with specialized considerations in gifted education. Learning theories will be discussed as bases for various gifted programs. Likewise, the role of administrators and planners in in-service education and the selection of teachers will be investigated. The student will be expected to demonstrate competence in synthesizing techniques of working with gifted students in regular classroom, part-time grouping, and self-contained situations.

ED 270 BASIC ISSUES IN EDUCATION (3)

The theory and practice of thinking critically about issues in present day education. Select issues in teaching and counseling are analyzed which reflect underlying value conflicts within society.

ED 283 READING IN THE SECONDARY SCHOOLS (3)

A course designed to examine various facets of the teaching of reading in the junior and senior high schools. Attention will be given to representative approaches, methods and materials to be employed when teaching reading skills relevant to these grade levels. Diagnostic—prescriptive teaching of reading will be emphasized.

ED 284 READING IN THE ELEMENTARY SCHOOLS (3)

A course in which emphasis is placed on the many aspects of the teaching of reading in the elementary schools. Included is an examination and critique of the more notable reading approaches, methods and materials. Diagnostic—prescriptive teaching of reading will be emphasized.

ED 285 CHILDREN'S LITERATURE (3)

Exploration of literature written for children; history and development of literature for children—authors, illustrators, and various genres; investigation of strategies for teaching literature as part of the English program; use of varied media and methods of presentation.

ED 286 ADOLESCENT LITERATURE (3)

Emphasis on types of literature, analysis of literary qualities, selection and presentation of literature to adolescents. Designed for the high school teacher of all subject fields.

ED 301 THE READING PROCESS (3)

A course designed to examine in detail the various theoretical components of the reading process. Particular attention is given to the contributions made from psychology, linguistics, and psycho-linguistics. Implications for instructing the bilingual or dialectally different student is included.

ED 307 MEASUREMENT AND EVALUATION (3)

Theory and practice of standardized test development and testing procedures. Introduction to statistics as they are employed in test development.

Includes a critical analysis of standardized group test selection, administration, and interpretation. CPSY 307

ED 309A FIELD EXPERIENCE (1-6)

Designed for those who wish to augment their graduate studies with specialized training and/or experience outside the University in their own field of study. The field experience project must have significant bearing on the professional goals of the student, and to be over and above what the student is normally engaged in. As a general rule, 20 hours of instruction or 40 hours of qualified experience is equivalent to one unit of credit. Advisor's permission is required.

ED 309B FIELD EXPERIENCE WITH EXCEPTIONAL INDIVIDUALS (1-6)

Designed for students who seek the specialist credential and/or master's degree in the area of Learning Handicaps. The field experience project must be over and above what the student is normally engaged in and must have a significant bearing on the student's training. As a general rule 40 hours of qualified experience is equivalent to one unit of credit. *Advisor's permission is required prior to registration.*

ED 310 INDEPENDENT STUDY (1-6)

Supervised research initiated by the student. A proposal must be submitted and approved by a faculty advisor *prior to registration.*

ED 314 PSYCHOSOCIAL AND MORAL DEVELOPMENT OF THE SCHOOL-AGE CHILD (3)

In-depth examination of current research and practice relating to social, cognitive, and moral development of the school age child, including adolescence. Primary theorists studied will be Piaget, Kohlberg, Selman, and Erikson. Opportunities for students to design curriculum or counseling interventions appropriate for their interests or professional goals. CPSY 314

ED 320 DIRECTED TEACHING I (Fall quarter) (4)

This is the first in a student teaching sequence of three courses which is designed to introduce the Teacher Credential candidate to curriculum and instruction in the public schools at all levels. Morning practicums are combined with weekly seminars in which students have an opportunity to discuss problems and issues in public education. Prerequisite: Admission to the Teacher Education Program.

ED 321 DIRECTED TEACHING II (Winter quarter) (5)

The second course in the directed teaching sequence is designed for the Teacher Credential candidate who will engage in teaching under the supervision of an experienced resident teaching in the public schools. Students are assigned to specific teaching positions in the morning, while taking coursework in the afternoon, thereby facilitating the inter-relating of theory and practice. Prerequisite: ED 320.

ED 322 DIRECTED TEACHING III (Spring quarter) (15)

The last course in the directed teaching sequence is designed to offer a full time student teaching experience. Prerequisite: ED 321.

ED 332 PRACTICUM: LEARNING DISABILITIES (1-6)

A supervised field experience in diagnosing and teaching students with learning disabilities. Designed to be a concluding course as a part of the master's degree program. A variety of settings, e.g., classroom, clinic, private school, etc. is available for completing the practicum. *Enrollment is limited and permission to enroll must be obtained well in advance of registration.*

ED 334 PRACTICUM: READING (3-6)

Provides practical field experience to enable the reading specialist to acquire and demonstrate competencies through intensive, extensive, and realistic experience in diagnosis, prescription, instruction, administration and evaluation. Those enrolled are provided with opportunities to gain experience in areas of special focus, e.g., working with linguistically or culturally different students. Prospective reading specialists are to enroll for 3 to 6 quarter units. Experience in reading instruction will dictate the number of units. Individuals enrolling in the course must participate in 40 hours of experience in the schools for each unit earned. Particular aspects of each student's practicum are to be worked out in conjunction with the program director. An individual may not enroll in the practicum until he/she has completed the majority of required course work. Program director's permission is required for enrollment.

ED 335 PRACTICUM: BILINGUAL-CROSSCULTURAL EDUCATION (1-6)

This course provides practical field experience to enable the bilingual-crosscultural teacher to acquire and demonstrate competencies needed in bilingual educational programs. Students must work a minimum of 10-15 hours per week in a bilingual education classroom. This course is required for those students not currently working in a bilingual-crosscultural classroom. By permission only.

ED 336 PRACTICUM IN GIFTED EDUCATION (1-6)

This course offers experience in applying the theories and techniques of educating gifted students. Course participants will work directly with local gifted programs to gain first-hand knowledge of successful motivational and counseling techniques. Students will be expected to analyze and evaluate all field experiences.

ED 350 DIAGNOSTIC TECHNIQUES IN READING (3)

This course is one in which emphasis is placed on diagnostic procedures used to assess reading ability. Students are introduced to a representative sampling of major diagnostic tools (formal and informal). This course should help the student develop a critical and realistic understanding of the

instruments. Those enrolled are required to administer a battery of assessment devices and interpret the results under the guidance of the instructor. Prerequisites: ED 283 or ED 284, and ED 307.

ED 351 PRESCRIBING FOR READING GROWTH (3)

This is a continuation of the previous course (ED 350). Emphasis is placed on designing individual prescriptive programs in light of the outcome of diagnosis. Those enrolled must demonstrate proficiency in prescribing and implementing appropriate methods and materials for those individuals whose reading ability they have assessed. Prerequisite: ED 350.

ED 352 READING IN THE CONTENT AREAS (3)

Presents a rationale for the involvement of all subject area teachers in the improvement of the reading capability of their students. Emphasis is placed on methods and materials for teaching both process and content in the subject matter areas. Includes field experience.

ED 358 ADMINISTRATION AND SUPERVISION OF READING PROGRAMS (3)

Centers on the study of processes and procedures for planning, implementing, supervising, and evaluating school and district reading programs. Particular emphasis is placed on the role of reading specialists in these undertakings. Requires those enrolled to observe and critique local school reading programs and to develop a comprehensive reading program. Prerequisites: ED 283 or ED 284, ED 350, and ED 351.

ED 359 RESEARCH IN READING (3)

Designed to provide an exploration into the major contributions to the field of Reading. Emphasis will be placed upon an analysis of current reading practices and trends, and techniques for conducting reading research.

ED 399 THESIS (3-6)

Thesis is optional and is usually selected by those individuals who are preparing for doctoral studies. The thesis is to be concerned with a recognized problem in the particular field of specialization of the advanced student. It should make a scholarly contribution to the extant body of knowledge in this area, and provide a review of principal sources. Format will be according to the American Psychological Association's format. Supervision and review of the thesis will be provided by faculty member(s) designated by the Chairman of the Education Department.

Counseling Psychology

Graduate Courses

CPSY 200 PSYCHOLOGY OF INTERPERSONAL COMMUNICATIONS (3)

The theory and process of interpersonal communication with laboratory training in the skills of effective listening, sending and confrontation, group

discussion techniques, problem solving and conflict resolution. The skills are presented as being fundamental for more advanced counseling and therapeutic techniques.

CPSY 211 HUMAN SEXUALITY (3)

An introductory course which explores the physiological and role development of human sexuality, plus sexual response and forms of sexual expression. Includes a survey of laws and ethics regarding sexual expression. In addition, sexual dysfunctions and treatment based on the work of Masters and Johnson will be presented.

CPSY 214 THE DEVELOPING CHILD (3)

(See ED 214, p. 36)

CPSY 215 PSYCHOLOGY OF FAMILY AND YOUTH (3)

This course concerns itself with the discovery and treatment of emotionally and socially maladjusted children with emphasis on the systems approach to counseling families. A study is made of the family, the school, and the community in relation to children's mental health. Opportunity is provided for observing and discussing the family counseling techniques which apply the principles and theories developed by Alfred Adler and Rudolph Dreikurs, the forerunners of conjoint family therapy.

CPSY 216 PSYCHOLOGY OF ADULT BEHAVIOR (3)

An experiential study of self-fulfilling and self-defeating adult behavior dealing with personality integration and the search for meaning. The framework of psychosynthesis as developed by Dr. Roberto Assagioli will be used to provide a theoretical base and overall counseling strategy. The study will include an examination of the personal and transpersonal areas of adult functioning, development of the will, the use of images and symbols, and a variety of techniques helpful in adult counseling. Prerequisite: CPSY 227.

CPSY 217 SOCIAL LEARNING THEORY (3)

(See ED 217, p. 36)

CPSY 218 BASIC CONCEPTS IN COUNSELING (3)

This course provides an introductory survey of fundamental concepts in counseling theory, psychopathology, and personality. Theories of Rogers, Ellis, Perls, Wolpe, Freud and Jung are among those to be considered.

CPSY 219 PSYCHOLOGY OF GROUP COUNSELING (3)

An introductory laboratory training course in small-group dynamics. Techniques of small group leadership are supplemented by experience in group participation. Enrollment limited. Prerequisite: CPSY 200.

CPSY 220 RESEARCH METHODS

(See ED 220, p. 36)

CPSY 226 PRINCIPLES AND PROCEDURES IN GUIDANCE (3)

An introduction to the study of pupil personnel services, concepts, and procedures. Staff roles and functions, community resources, professional ethics, and legal aspects. Use of data processing in education, particularly in pupil personnel services. To be taken prior to CPSY 330.

CPSY 227 COUNSELING PROCESS AND PROBLEMS (3)

An introductory course with training in the skills of personal counseling. Concepts and strategies from various approaches will be examined. Students will gain experience both as a counselor and as a client through weekly dyad counseling sessions. Prerequisites: CPSY200 and CPSY218.

CPSY 230 SURVEY AND GUIDANCE OF EXCEPTIONAL INDIVIDUALS (3)

(See ED 230, p. 36)

CPSY 266 COUNSELING THE ADOLESCENT (3)

Viewing the adolescent from a developmental, sociological and psychological dimension, with special emphasis on counseling strategies and action techniques appropriate to this critical transition age.

CPSY 273 FAMILY AS AN INSTITUTION (3)

This course is concerned primarily with the sociology of the family particularly family systems as they exist in the United States. Such topics as the family cycle of growth and development, role concepts, need—gratification within the family system, minority family systems, diverse family systems, one parent families, differing kinship relationships, and the family as a legal-social system will be explored.

CPSY 274 CHRISTIAN PERSPECTIVES ON MARRIAGE AND FAMILY (3)

This course begins with a consideration of the mixed perspective Christians of the first generation inherited from the Old Testament and other parts of Jewish tradition. It continues the historical inquiry into the New Testament treatment of divorce and remarriage, then through the late Empire and early medieval attitudes. After these come considerations of modern and contemporary Christian thinking on sexuality, on the meaning of marriage, fidelity, birth-control, family, divorce, and remarriage — with special consideration of recent disagreements and changes.

CPSY 275 COUNSELING AND HUMAN VALUES (3)

Clarification of societal and personal values confronting the counselor, Modeling the different counselor roles that follow from different conceptions of man, knowledge and the world. Ethical positions to be taken on controversial matters such as the degree of control over one's body, directive and non-directive client assistance, the obligation to keep a professional secret, etc.

CPSY 276 MULTICULTURAL APPROACHES TO COUNSELING IN THE FAMILY AND COMMUNITY (3)

This course focuses on the application of the theory and process of interpersonal communications in a multicultural setting. Students will be required to demonstrate counseling competencies which reflect their knowledge of various cultures and their cultural sensitivity in family and community settings. Prerequisites: CPSY 200 and CPSY 227.

CPSY 277 MULTICULTURAL APPROACHES TO COUNSELING CHILDREN AND ADOLESCENTS (3)

This course focuses on the application of the theory and process of interpersonal communications between adults and youth in a multicultural setting. Students will be required to demonstrate their knowledge of various cultures and their cultural sensitivity by means of counseling sessions with culturally different students. Prerequisites: CPSY 200 and CPSY 227, 214, 215 or 314.

CPSY 290 SEMINAR IN PASTORAL COUNSELING

Includes the history and development of pastoral counseling, its theological and biblical foundations, special techniques of the pastoral counselor, institutional and professional relationships, spiritual and ethical issues involved in counseling within the church setting.

CPSY 292 PSYCHOLOGY OF RELIGIOUS EXPERIENCE

A psychological investigation of individual religious experience including prayer, meditation, mystical and higher consciousness, and parapsychological experience. The relevance of these to the work of the pastoral counselor and other religious leaders will be explored.

CPSY 300 CAREER DEVELOPMENT AND LIFE PLANNING (3)

An examination of life styles and methods for providing vocational and educational guidance across the age span. Analysis of the relationship of career development theory to vocational counseling in various settings (schools, clinics, rehabilitation, etc.). Techniques for assisting the client in effective use of educational and occupational information in decision making.

CPSY 303 RATIONAL EMOTIVE THERAPY (3)

This course will cover the theory and applications of rational emotive therapy. Students will learn through direct experience the application of this method. Prerequisite: CPSY227.

CPSY 306 DIAGNOSTIC TESTING (3)

A course designed to acquaint counselors with the use of individual assessment techniques, projective tests, personality inventories, and other tests used primarily in professional and marriage, family and child counseling settings. Prerequisite: CPSY 318.

CPSY 307 MEASUREMENT AND EVALUATION (3)

Theory and practice of standardized test development and testing procedures; the applications and limitations of standardized tests; techniques of administering and interpreting group tests.

CPSY 308 WILSON CENTER FIELD EXPERIENCE (3)

Weekly seminars for developing and practicing basic counseling skills with video-tape feedback. Six hours per week arranged at Wilson Center for on-site one-way mirror observation of family and child counseling sessions with professional staff discussing aspects of the counseling observed after each session. An excellent opportunity for students to become involved in counseling early in the program before taking practicums. Prerequisite: CPSY 200.

CPSY 309 FIELD EXPERIENCE (1-6)

(See ED 309A, p. 41)

CPSY 310 INDEPENDENT STUDY (1-6)

(See ED 310, p.41)

CPSY 311 PSYCHOLOGY OF MARRIAGE COUNSELING (3)

This course will present methods for premarital, marital, sexual and divorce counseling. The student will become familiar with these methods through readings and role playing. Prerequisites: CPSY 211 and CPSY 227.

CPSY 312 COUNSELING FOR CONTEMPORARY PROBLEMS (3)

Counseling approaches used in crisis intervention with drug and alcohol addiction, abortion, suicide, terminal illness, etc., where short term, immediate intervention is required. Procedures in dealing with clients and their families caught in these dilemmas will be discussed.

CPSY 313 PSYCHODRAMA (3)

This course will cover the theory and applications of psychodrama to a variety of counseling situations. Students will gain experience by direct participation in psychodrama. Prerequisite: CPSY 200.

CPSY 314 PSYCHOSOCIAL AND MORAL DEVELOPMENT OF THE SCHOOL-AGE CHILD (3)

(See ED 314, p. 41)

CPSY 315 ADVANCED SEMINAR IN FAMILY COUNSELING (3)

Designed for students who have completed ED 215 and who wish to examine Adlerian and Dreikursian principles more critically, as well as to become acquainted with the systems approaches of other noted leaders in family counseling. The procedure is to make in-depth comparison of the principles expressed by other authors with those of Adler and Dreikurs. The format includes meeting in small discussion groups to examine the various

counseling procedures and theories. In addition, opportunities will be provided for class members to engage in counseling with simulated families in various states of dysfunction. Prerequisites: 215, 227.

CPSY 316 ADVANCED SEMINAR IN ADULT BEHAVIOR (3)

For students who wish to continue the exploration undertaken in CPSY 216 at a more advanced level, giving special attention to further application of skills and techniques in counseling. Prerequisite: CPSY 216.

CPSY 318 PSYCHOPATHOLOGY (3)

The dynamics and classification of abnormal behavior including neurosis, psychosis, character disorders, psychosomatic reactions and other abnormal personality patterns. Designed to acquaint the student with the mental health and clinical frame of reference. Prerequisite: CPSY 218.

CPSY 319 ADVANCED SEMINAR IN GROUP PSYCHOLOGY (3)

An intensive seminar designed to help students who wish to increase their competencies in group leadership. Co-facilitation of a group, followed by a critique, is a required part of the seminar. Participants should be able to evaluate various leadership styles and strategies for purpose of determining the leadership style that is best suited for each individual. Prerequisite: Permission of the instructor.

CYPS 328 CLINICAL GERONTOLOGY (3)

This course is designed to increase knowledge of the older person with emphasis on assessment of the total personality in life situations and appropriate therapeutic interventions. Also included is attention to the aging process, crises that are specified to older persons, consideration of psychological pathology that is unique to older persons.

CPSY 329 COUNSELING IN A CLINICAL SETTING: (3)

An orientation to those skills and procedures unique to mental health centers hospital facilities, and other treatment centers utilizing the medical model in psychodiagnostic procedures. Includes an introduction to the brief therapy model. Prerequisite: CPSY 227

CPSY 330 COUNSELING PRACTICUM: IN SCHOOL (3)

Field experience which includes supervised experiences in educational, vocational, and personal guidance. Use of counseling procedures for the age level at which the student is preparing to counsel. *Two consecutive quarter terms are required. By permission only.*

CPSY 331 COUNSELING PRACTICUM: AGENCY (1-6)

Field experience which includes supervised counseling experiences in community services such as juvenile probation, mental health, community colleges, etc. Designed to come in the second half of the counseling program after completion of the counseling core. *By permission only.*

CPSY 333 COUNSELING PRACTICUM: MARRIAGE, FAMILY, AND CHILD (1-6)

Supervised field experience designed specifically to meet the license requirements for California. A licensed supervisor will conduct weekly seminars for consultation and discussion of such topics as case management and evaluation, referral procedures, ethical practices, professional and client interaction, confidential communication, and interprofessional ethical considerations. *By permission only.*

CPSY 339 THESIS (3-6)

(See ED 399, p. 43)

ENGLISH

NOTE. Authors and topics listed in the following course descriptions are typical rather than definitive. Not all of them are necessarily included every time a course is offered, and others not listed here may be included. Courses numbered 101 through 187 are ordinarily offered at least once every two years, courses 201-262 less frequently, and courses 299 and 300 every quarter as required.

101. LINGUISTICS

General survey of the science of linguistics: phonology, morphology, syntax, grammar, and usage.

102. MODERN GRAMMAR

Analysis of the basic problems of describing grammatical structure; traditional, structural, and transformational-generative grammars.

103. HISTORY OF THE ENGLISH LANGUAGE

The origin, structure, and development of the English language. Special attention to the morphology and syntax of Old English.

104. THEORY OF LITERATURE

Study of literary theory from Aristotle to the present.

110. CLASSICAL DRAMA

Greek and Roman plays in translation.

111. CONTINENTAL DRAMA

See Theatre Arts 111.

112. MODERN DRAMA

See Theater Arts 112.

- 113. ENGLISH DRAMA I**
Non-Shakespearean drama in England to about 1750. Medieval drama, Marlowe, Ford, Webster, Jonson, Dryden, Wycherly, Congreve.
- 114. ENGLISH DRAMA II**
Drama in England since about 1750. Goldsmith, Sheridan, Wilde, Shaw, Synge, O'Casey, Pinter.
- 116. SHAKESPEARE'S TRAGEDIES**
- 117. SHAKESPEARE'S COMEDIES**
- 118. SHAKESPEARE'S HISTORIES AND SONNETS**
- 119. AMERICAN DRAMA**
See Theatre Arts 119.
- 130, 131, 132. STUDIES IN AMERICAN LITERATURE I, II, III**
Intensive studies of selected authors, movements, or problems in American literature.
- 133. AMERICAN POETRY**
Historical study of American poetry. Taylor, Bryant, Poe, Emerson, Longfellow, Whitman, Dickinson, Robinson, Frost, Eliot, Stevens.
- 134. AMERICAN NOVEL**
Historical study of the American novel. Cooper, Hawthorne, Melville, Twain, James, Dreiser, Faulkner.
- 144, 145. COMPARATIVE LITERATURE I, II**
Studies in the forms, themes, and styles of continental European literature and their influence on English literature.
- 146. MODERN FICTION**
Selected works of Continental, English, and American fiction that are peculiarly "modern" in sensibility or style. Flaubert, James, Proust, Joyce, Gide, Kafka, Mann, Woolf, Faulkner.
- 147. THE BIBLE AND LITERATURE**
The Bible as literature and its influences upon secular forms and works.
- 148. AFRICAN LITERATURE**
Contemporary literature of Black sub-Saharan Africa. Achebe, Soyinka, Mphahlele, Abrahams, Ngugi, Tutuola.

- 149. AFRO-AMERICAN LITERATURE**
Literature of Black America in the 20th century. Toomer, Wright, Ellison, Kelley, Gaines, Demby, Ward, Baldwin.
- 152. CHAUCER**
- 155. MEDIEVAL LITERATURE**
A study in translation of English literature from the Norman Conquest to 1485. Beowulf, medieval drama, Sir Gawain, Langland, Chaucer, Malory.
- 156. RENAISSANCE**
Non-dramatic literature of England from 1485 to 1660. Sidney, Spenser, Jonson, Donne, Herrick, Milton, Marvell.
- 158. MILTON**
- 159. NEO-CLASSICAL LITERATURE**
Literature of England from 1660 to 1798. Dryden, Pope, Swift, Johnson, Boswell, Goldsmith.
- 160. ROMANTIC MOVEMENT**
Non-dramatic literature of England from 1798 to 1832. Blake, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats.
- 161. VICTORIAN LITERATURE**
Non-dramatic literature of England from 1832 to 1900. Carlyle, Newman, Tennyson, Browning, Ruskin, Morris, Arnold, Pater.
- 162. MODERN ENGLISH LITERATURE**
The non-dramatic literature of England in the 20th century. Wilde, Hardy, Hopkins, Conrad, Yeats, Lawrence, Eliot, Auden, Graves, Forster, Woolf, MacNeice, Thomas.
- 164. ENGLISH NOVEL I**
The English novel in the 18th Century. Defoe, Richardson, Smollett, Sterne, Fielding, Austen.
- 165. ENGLISH NOVEL II**
The English novel in the 19th Century. Scott, the Brontes, Dickens, Thackeray, Trollope, Eliot, Meredith, Butler.
- 167. IRISH RENAISSANCE**
Irish literature in English of the late 19th and the 20th centuries. Yeats, Synge, Russell, Lady Gregory, Colum, O'Casey, Stephens, Joyce, O'Connor, O'Faolain.

181, 182, 183. SPECIAL TOPICS IN LITERATURE I, II, III
Courses in major authors, literary movements, or themes.

186. SPECIAL TOPICS IN DRAMA
See Theater Arts 186.

187. SPECIAL TOPICS IN LITERARY CRITICISM
Graduate Courses

201. SEMINAR IN POETRY (5)

202. SEMINAR IN CRITICISM (5)

203. SEMINAR IN DRAMA (5)

204. SEMINAR IN FICTION (5)

216. SEMINAR IN SHAKESPEARE (5)

230. SEMINAR IN AMERICAN LITERATURE (5)

244. SEMINAR IN COMPARATIVE LITERATURE (5)

252. SEMINAR IN CHAUCER (5)

255. SEMINAR IN MEDIEVAL LITERATURE (5)

256. SEMINAR IN RENAISSANCE LITERATURE (5)

259. SEMINAR IN NEO-CLASSICAL LITERATURE (5)

260. SEMINAR IN ROMANTIC LITERATURE (5)

261. SEMINAR IN VICTORIAN LITERATURE (5)

262. SEMINAR IN MODERN LITERATURE (5)

299. DIRECTED RESEARCH (5)
Permission of instructor and chairman required.

300. THESIS DIRECTION (5)
Students writing a thesis must register for this course twice. They may register only after a thesis supervisor has been appointed and a thesis topic approved.

HISTORY

- 102. SOCIETY AND THE SEXES IN WESTERN CIVILIZATION**
A survey of the social relationship between the sexes, including male attitudes toward women in western thought, feminism, the daily lives of women in pre-industrial and industrial society, and the nineteenth century women's movements.
- 117. ANCIENT GREECE**
Greece from the Minoan period to the death of Alexander the Great.
- 118. ROMAN REPUBLIC**
Rome from the origins of the city to the collapse of the Republic in 30 BC.
- 119. ROMAN EMPIRE**
Rome from its take-over by Augustus in 30 BC to the last days of the Empire.
- 120. WESTERN BARBARIANS, 500-1100**
The barbarians of Western Europe from their first appearance on the borders of the Roman Empire to their eventual civilization.
- 121. CRUSADING AGE, 1000-1450**
Europe from the formation of an aggressive, united Christendom to the collapse of unity with the rise of nation-states.
- 122. HERESY AND WITCHCRAFT, 500-1500**
Heresy and witchcraft as a major mode of social as well as religious protest in medieval Europe, from the fall of Rome to the Protestant Reformation.
- 128, 129. GERMANY**
A history of the social, economic, political, and cultural development of the German nation. 128, Germany from 1640 to 1890; 129, Germany from 1890 to the present.
- 130. IRELAND**
A study of Irish history since the Reformation emphasizing the conflict between the Protestant Ascendancy and the Catholic population. The successive struggles for home rule and an independent republic. The modern division of Ireland.
- 131, 132. ENGLAND**
Growth of the English state and constitution. The continental ambitions of England during the Middle Ages. The Tudors and the English reformation. The constitutional struggle under the Stuart monarchs. The development of

the modern English government emphasizing the political reforms of the nineteenth century. Britain's role in the modern world.

136, 137. HISTORY OF RUSSIA

Political, social and religious formation of early Russia; the reforms of Peter the Great; Russian absolutism and the impact of Western Europe in the eighteenth and nineteenth centuries; the Russian Revolution and economic and political developments in the Soviet Union; World War II; the Soviet Union as a world power.

142. DEMOCRACY AND TOTALITARIANISM IN 20th CENTURY EUROPE

An intensive study of selected aspects of modern European history from World War I to the Cold War. Some familiarity with modern European history is expected as a prerequisite.

144. EUROPEAN DIPLOMATIC HISTORY

A study of the relations of the major European powers since 1870, with emphasis on the economic, political and social forces which influenced these relations.

151. ORIGINS AND DEVELOPMENT OF ISLAM

The Prophethood of Muhammed and the Muslim Revolution. The Islamic conquests and formation of Muslim Institutions. The development of philosophy, law and art during the "golden age" of Islam. The fragmentation of the Muslim empire; the rise of Turkish power; the Crusades.

152. MODERN MIDDLE EAST AND NORTH AFRICA

European Imperialism and the development of Arab Nationalism. Problems of economic development, political stability and military conflict.

155. MODERN AFRICAN NATIONALISM

Topics in modern African history dealing with African institutions and culture, the challenge of European imperialism, modern African social and political problems.

156. MODERN JAPAN: NATIONALISM AND IMPERIALISM

Demise of the Tokugawas. Meiji restoration and enlightenment. The liberal movement. Socio-economic transformations. Continental expansion. The democratic experiment. Jeiji-Taisho social movements. Special reference to ultranationalistic movements. The "Greater East Asia War." Post-war recovery.

157. MODERN SOUTHEAST ASIA

A study of political developments from mid-nineteenth century Anglo-French Imperialism to the emergence of national states. Particular reference to indigenous nationalist movements in French colonial areas and the modern transition in Thailand.

- 158. MODERN CHINA: CONFUCIUS TO COMMUNISM**
Sociopolitical changes from the late Ch'ing Reform Movement. Special emphasis on modern revolutionary movements, political history of the Kuomintang period, and the rise of the Chinese Communist Party.
- 159. RELIGION AND SOCIETY IN TRADITIONAL ASIA**
Great religious traditions of Asia; a historical survey. Introduction to Brahminism. Theravada Buddhism, Mahayana Buddhism, Confucianism, Taoism and Shintoism and their place in Asian social history.
- 162. COLONIAL MEXICO**
A history of Mexico from the Mayas and Aztecs to the end of the independence movement in the 19th century. Includes study of the economic, social and cultural developments.
- 163. MODERN MEXICO**
A history of the national period from the 1824 federal republic to the present. Special emphasis on those factors in the more recent past which have contributed most to modern Mexico.
- 164. THE INTER-AMERICAN COMMUNITY**
A history of the political, economic and social relations between the countries of the two Americas and their activities in regional and world organization.
- 165. ARGENTINA**
Political, social and economic developments in this leading country of South America from pre-Columbian times to the present, with special emphasis on its modern national development.
- 167. BRAZIL**
An analytical study of Brazil's past and present; the colonial era, the New World monarchies of Pedro I and II, and the Republic. Emphasis on social and economic developments.
- 169. CONTEMPORARY LATIN AMERICA**
A topical study of twentieth century political, economic and social life. The dynamics of traditional legacies and reform programs. Ideals and realities of inter-American relations. Cultural characteristics. Present trends and prospects.
- 170. COLONIAL AMERICA THEMES**
The development of religious, political, economic and social institutions in the North American colonies in the seventeenth and eighteenth centuries.

- 171. REVOLUTION, CONFEDERATION, CONSTITUTION**
An intensive study of the origins, progress, and culmination of the American Revolution. Historiographical themes of the Revolution will be emphasized.
- 172. THE REPUBLICAN EXPERIMENT**
A detailed examination into the establishment of an American political, social, cultural and economic identity from Washington through Madison.
- 173. GROWTH OF DEMOCRACY**
An investigation into the tensions leading to civil war and the underlying problems and experiences of the elusive "people" who contributed to the growing complexity of American life.
- 174. THE OLD SOUTH**
An intensive study of the Old South from the Revolution to the Civil War and Reconstruction, emphasizing both regional identity and the relationship of Southern history to the national experience.
- 175. THE GILDED AGE**
An examination of the economics, culture, and society of America between the Civil War and World War I.
- 176. AMERICAN CAPITALISM**
An analysis of the philosophy and social impact of the capitalist idea as it developed in America from the colonial period to the 20th Century. Explore the role of the businessman, social mobility and some anti-capitalist ideas.
- 177. U.S. DIPLOMATIC HISTORY**
Critical study of the international relations of the United States, and of the economic, political, social and public opinion forces influencing the development of American policy.
- 178, 179. UNITED STATES INTELLECTUAL HISTORY**
A topical study of the patterns of American thought, emphasizing the pursuit of meaningful community life as a major theme in the history of the American mind and imagination.
- 180 THE AMERICAN INDIAN**
A history of Native Americans from contact to present, with an emphasis on 19th century developments.
- 181. THE MEXICAN AMERICAN**
A broad history of the Mexican American in California and the Southwest. Special emphasis on the period since 1848 and on Texas, New Mexico, and California.

- 182. THE BLACK AMERICAN**
A history of Black Americans from African backgrounds to the present. Students will examine and discuss basic elements in Black history.
- 183. U.S. SOCIAL MOVEMENTS**
Popular movements for change, and against it. An investigation of the response of the American people to the problems of modern industrial society. Labor, women's rights, Black activism, anti-radicalism, Ku Klux Klan, peace movement, and others.
- 184. WOMAN IN AMERICA**
An historical survey of woman's life and work from colonial times to the present in a broad social context.
- 187. THE AMERICAN WEST**
The West as a factor in American history, from the 17th century to the present, with emphasis on the 19th century trans-Mississippi frontier.
- 188. EDUCATION AND SOCIAL CHANGE IN AMERICA**
An examination of the development of formal and informal institutions of learning in America, and their impact upon the social process.
- 189. CALIFORNIA**
The history of California, with major attention given to its 19th century development.
- 190. WORLD WAR II**
A chronological and topical study of the conflict; origins from the Versailles Treaty and the international crises of the 1930s; political and social dimensions of the conflict, as well as its military aspects.
- 191. ERA OF UNREST**
Little Rock to Watergate: social, political, and foreign policy upheavals of the 1960s. Civil rights movement, student and anti-war movement, hippies and others, Kennedy and Johnson, end of the Cold War and the war in Vietnam, Nixon and Watergate.
- 192. WHITE ETHNICS**
A study of the immigrant origins, assimilation, and recent development of principal white ethnic groups — Jews, Irish, Italians, Greeks, Poles, Germans, etc. Emphasis on racial conflict and religious affiliation.
- 193. AMERICAN URBAN LIFE**
Development of urban centers in the United States and their impact on the life and culture of the country.

197. SPECIAL TOPICS IN HISTORY

Occasional lecture courses in special topics in History.

197.01 Antiquity
197.02 Africa
197.03 Asia

197.04 Europe
197.05 Latin America
197.06 United States

198. COLLOQUIUM

Historical Seminars emphasizing original research and group discussion of selected problems and periods.

198.01 Antiquity
198.02 Africa
198.03 Asia

198.04 Europe
198.05 Latin America
198.06 United States
198.07 Practicum

210. SEMINAR IN ANTIQUITY

220. SEMINAR IN AFRICAN HISTORY

230. SEMINAR IN ASIAN HISTORY

240. SEMINAR IN EUROPEAN HISTORY

250. SEMINAR IN LATIN AMERICAN HISTORY

260. SEMINAR IN UNITED STATES HISTORY

299. INDIVIDUAL STUDY

Directed reading and research in source materials and secondary works dealing with selected historical problems. With permission of the instructor only.

300. THESIS (5-10)

MATHEMATICS

101. A SURVEY OF GEOMETRY

Topics from projective, advanced Euclidean and non-Euclidean geometries.

102. ADVANCED CALCULUS I

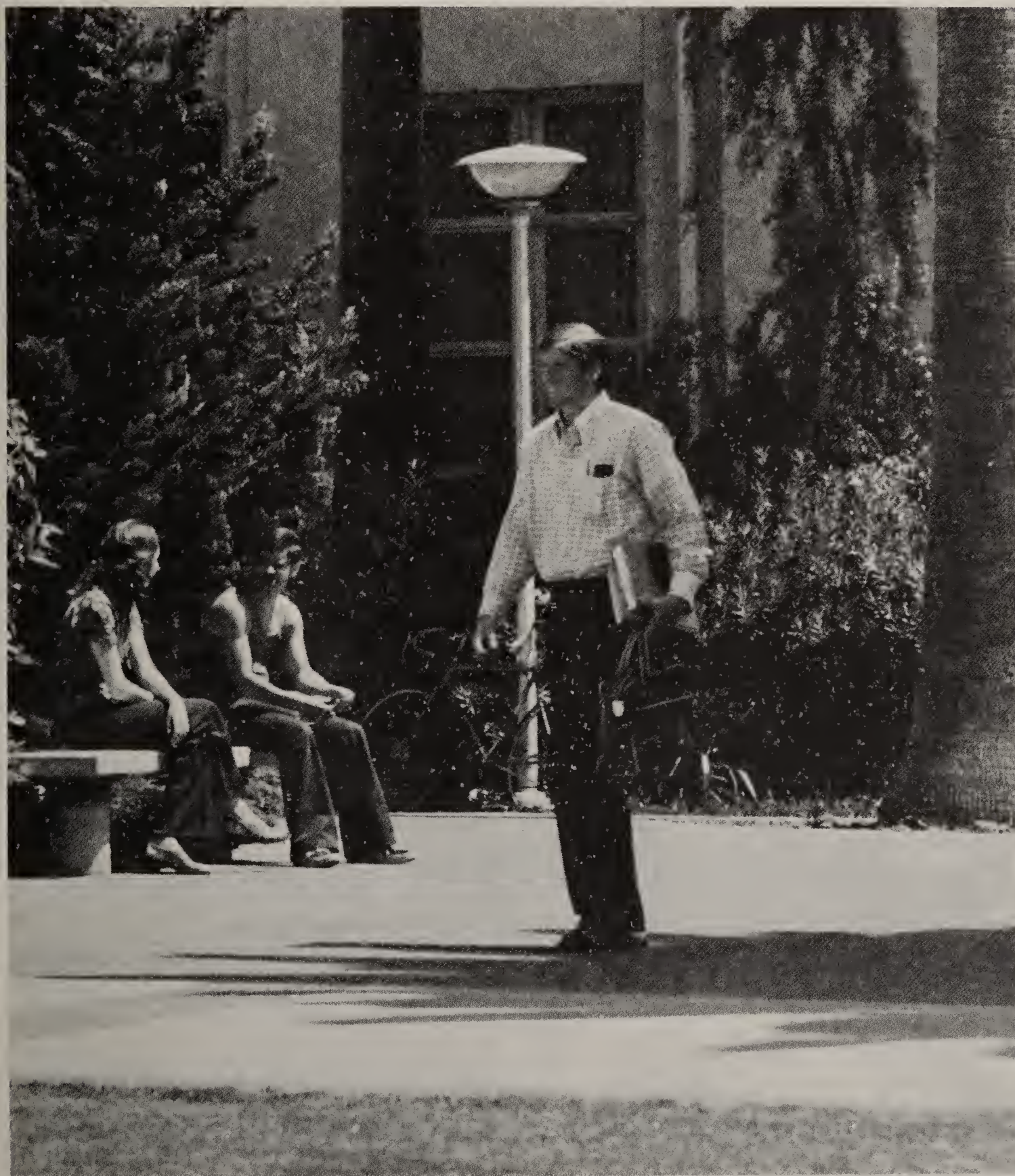
Vector calculus, functions of several variables, elliptic integrals, line integrals, uniform convergence, introduction to Fourier series.

- 105. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE**
Analytic functions, Cauchy integral theorems, power series, conformal mapping, Riemann surfaces. Prerequisite: 102.
- 111. ABSTRACT ALGEBRA I**
Topics from theory of groups. Prerequisites: 52 and 53 or equivalents.
- 112. ABSTRACT ALGEBRA II**
Rings and ideals, algebraic extensions of fields, Galois theory. Prerequisite: 111.
- 113. TOPOLOGY**
Set theory insofar as pertinent to the course. Topological spaces, continuous functions, product spaces. Separability and compactness. Metric spaces and metric topologies.
- 122. PROBABILITY AND STATISTICS I**
Axioms and postulates; combinatorial problems; conditional probability; independence; random variables, distributions. Prerequisite: 21.
- 123. PROBABILITY AND STATISTICS II**
Expectation; characteristic functions; infinite sequences of random variables; point estimation; statistical hypotheses; confidence intervals. Prerequisite: 122.
- 133. LOGIC AND FOUNDATIONS**
Deductive theories. Theories and models. Consistency, completeness, decidability. The theory of models. The cardinality of models. Some related topics of metamathematics and foundations.
- 134. SET THEORY**
Naive set theory. Cardinal and ordinal arithmetic. The axiom of choice and the continuum hypothesis. Axiomatic set theory.
- 144. PARTIAL DIFFERENTIAL EQUATIONS**
Special topics in higher mathematics useful in applications to the physical sciences, such as special functions of mathematical physics. Fourier series, partial differential equations and boundary value problems.
- 153. INTERMEDIATE ANALYSIS I**
A rigorous investigation of the real number system. Concepts of limit, continuity, differentiability of functions of one variable. Theorems of differential and integral calculus. Prerequisite: 102.
- 154. INTERMEDIATE ANALYSIS II**
Continuation of Math 153.

- 155. ORDINARY DIFFERENTIAL EQUATIONS**
Existence and nature of solutions; oscillation theory; orthogonal functions. Partial differential equations. Prerequisite: 102.
- 164. COMPUTER SCIENCE I**
Machine language programming. Mathematical logic and logical design of a digital computer. Turing machines. Prerequisite: 64 or equivalent. NCX.
- 165. COMPUTER SCIENCE II**
Advanced programming, introductory simulation techniques. Linear programming. Grammars, machines, languages. Prerequisite: 64 or permission of instructor. NCX.
- 166. NUMERICAL ANALYSIS**
Interpolation formulas. Numerical differentiation and integration, numerical solution of algebraic, transcendental and differential equations. Prerequisite: 102.
- 168. DIFFERENTIAL GEOMETRY**
Introduction to curves and surfaces. Differential forms, Frenet formulas, frame fields, differentiation on surfaces. Prerequisite: 53 or equivalent.
- 172. PROBLEM SOLVING**
Use of induction, analogy and other techniques in solving mathematical problems.
- 175. THEORY OF NUMBERS**
Fundamental theorems of divisibility, primes, congruences. Number theoretic functions. Diophantine equations. Quadratic residues. Partitions.
- 176. COMBINATORIAL ANALYSIS**
Permutations and combinations, generating functions, recursion relations and a selection of topics from combinatorial geometry, graph enumeration, Polya counting theorem.
- 179. MATRIX THEORY**
Linear transformation, matrices and determinants, quadratic forms, Cayley-Hamilton theorem.
- 270. ADVANCED TOPICS FOR SECONDARY SCHOOL TEACHERS I (5)**
Special topics in geometry, topology, combinatorial mathematics, algebra and number theory for secondary school teachers of mathematics.
- 271. ADVANCED TOPICS FOR SECONDARY SCHOOL TEACHERS II (5)**
Continuation of 270.

290. MASTER'S THESIS

The goal of the M.S.T.M. thesis is to make an original written contribution in the field of mathematics teaching, a contribution that will be useful to a teacher. Thus, this thesis is not meant to be research-oriented as preparation for employment in industry or in the pursuit of a Ph.D. Neither is it to be merely a "busy-work" project completed only to satisfy tradition, but otherwise irrelevant. Instead, it is supposed to be a mathematical treatise (not an educational study) on some topic appropriate to the secondary curriculum, written with mathematical rigor and precision.



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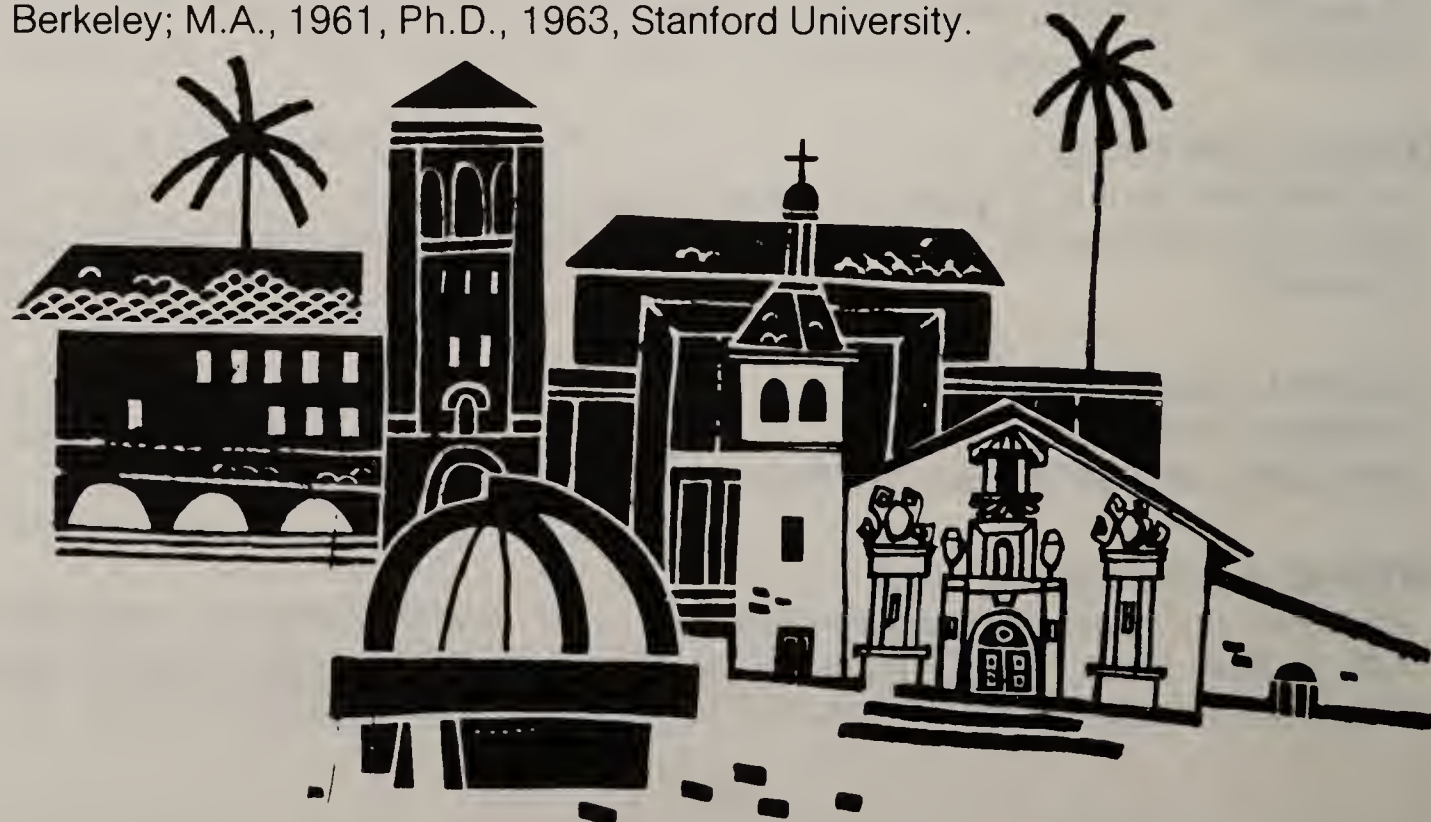
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